

# Addition Facts 



Addition Facts

$\qquad$

Set $A[1+2,2+1,1+3,3+1]$ Practice on facts in Set $\mathbf{A}$
$\begin{array}{rrrrrrrrrr}3 & 1 & 1 & 3 & 2 & 1 & 3 & 1 & 1 & 2 \\ \underline{+1} & \underline{+2} & \underline{+3} & \underline{+1} & \underline{+1} & \underline{+2} & \underline{+1} & \underline{+2} & \underline{+2} & \underline{+1}\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 3 & 1 & 2 & 1 & 1 & 3 & 3 & 1 & 3 \\ \underline{+2} & \underline{+1} & \underline{+2} & \underline{+1} & \underline{+2} & \underline{+3} & \pm \underline{1} & \underline{+1} & \underline{+2} & \underline{+1}\end{array}$
$\begin{array}{rrrrrrrrrr}2 & 1 & 3 & 1 & 1 & 2 & 3 & 1 & 3 & 3 \\ \underline{+1} & \underline{2} & \underline{+1} & \underline{+2} & \underline{+2} & \underline{+1} & \underline{+1} & \underline{+3} & \underline{+1} & \underline{+1}\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 2 & 1 & 1 & 3 & 3 & 1 & 1 & 2 & 3 \\ +2 & \underline{+1} & \underline{+2} & \underline{+3} & \underline{+1} & \underline{+1} & \underline{+2} & \underline{+3} & \underline{+1} & \underline{+1}\end{array}$

Mastering Math Facts - Addition
A-5 Name $\qquad$

Set A $[1+2,2+1,1+3,3+1]$ Practice on facts in Set $\mathbf{A}$
$\begin{array}{rrrrrrrrrr}3 & 1 & 1 & 3 & 2 & 1 & 3 & 1 & 1 & 2 \\ +1 & +2 & +3 & +1 & \underline{+1} & \underline{+2} & \underline{+1} & \underline{+2} & +2 & +1\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 3 & 1 & 2 & 1 & 1 & 3 & 3 & 1 & 3 \\ +2 & +1 & +2 & +1 & +\underline{2} & \underline{+3} & +1 & \underline{+1} & \underline{+2} & \underline{+1}\end{array}$
$\begin{array}{rrrrrrrrrr}2 & 1 & 3 & 1 & 1 & 2 & 3 & 1 & 3 & 3 \\ +1 & +2 & \underline{+1} & \underline{+2} & +2 & \underline{+1} & \underline{+1} & \underline{+3} & \underline{+1} & \underline{+1}\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 2 & 1 & 1 & 3 & 3 & 1 & 1 & 2 & 3 \\ +2 & +1 & \underline{+2} & +3 & \underline{+1} & \underline{+1} & \underline{+2} & +3 & +1 & \underline{+1}\end{array}$

Set A $[1+2,2+1,1+3,3+1]$ Practice on facts in Set A


Set A $[1+2,2+1,1+3,3+1]$ Practice on facts in Set A
$\begin{array}{rrrrrrrrrr}3 & 1 & 1 & 3 & 2 & 1 & 3 & 1 & 1 & 2 \\ +1 & \frac{+2}{4} & \frac{+3}{3} & \frac{+1}{4} & \frac{+1}{4} & \frac{+2}{3} & \frac{+1}{3} & \frac{+2}{4} & \frac{+2}{3} & \frac{+2}{3} \\ \frac{+1}{3}\end{array}$
$\begin{array}{llllllllll}1 & 3 & 1 & 2 & 1 & 1 & 3 & 3 & 1 & 3\end{array}$
$\frac{+2}{3} \quad \frac{+1}{4} \quad \frac{+2}{3} \quad \frac{+1}{3} \quad \frac{+2}{3} \quad \frac{+3}{4} \quad \frac{+1}{4} \quad \frac{+1}{4} \quad \frac{+2}{3} \quad \frac{+1}{4}$
$\begin{array}{rrrrrrrrrr}2 & 1 & 3 & 1 & 1 & 2 & 3 & 1 & 3 & 3 \\ +\frac{+1}{3} & \frac{+2}{3} & \frac{+1}{4} & \frac{+2}{3} & \frac{+2}{3} & \frac{+1}{3} & \frac{+1}{4} & \frac{+3}{4} & \frac{+1}{4} & \frac{+1}{4}\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 2 & 1 & 1 & 3 & 3 & 1 & 1 & 2 & 3 \\ +\frac{+2}{3} & \frac{+1}{3} & \frac{+2}{3} & \frac{+3}{4} & \frac{+1}{4} & \frac{+1}{4} & \frac{+2}{3} & \frac{+3}{4} & \frac{+1}{3} & \frac{+1}{4}\end{array}$
$\qquad$

Set $B[1+4,4+1,1+1]$ Practice on facts through Set $\mathbf{B}$
$\begin{array}{rrrrrrrrrr}4 & 1 & 1 & 2 & 4 & 1 & 3 & 1 & 1 & 2 \\ +1 & +4 & +1 & +1 & +1 & \underline{+2} & \underline{+1} & +1 & \underline{+4} & \underline{+1}\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 4 & 2 & 4 & 1 & 1 & 1 & 3 & 1 & 1 \\ +2 & \underline{+1} & \underline{+1} & \underline{+1} & \underline{+1} & +\underline{3} & \underline{+4} & \underline{+1} & \underline{+2} & \underline{+1}\end{array}$
$\begin{array}{rrrrrrrrrr}2 & 1 & 3 & 1 & 1 & 2 & 4 & 1 & 3 & 2 \\ +1 & \underline{+4} & +1 & +1 & \underline{+3} & \underline{+1} & \underline{+1} & \underline{+1} & \underline{+1} & \underline{+1}\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 3 & 1 & 1 & 4 & 3 & 1 & 1 & 2 & 3 \\ +2 & \underline{+1} & \underline{+1} & \underline{+3} & \underline{+1} & \underline{+1} & \underline{+2} & \underline{4} & \underline{+1} & \underline{+1}\end{array}$

Mastering Math Facts - Addition
A-6 Name $\qquad$

Set $B[1+4,4+1,1+1]$ Practice on facts through Set $\mathbf{B}$
$\begin{array}{rrrrrrrrrr}4 & 1 & 1 & 2 & 4 & 1 & 3 & 1 & 1 & 2 \\ +1 & +4 & +1 & +1 & +1 & +2 & \underline{+1} & +1 & \underline{+4} & \underline{+1}\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 4 & 2 & 4 & 1 & 1 & 1 & 3 & 1 & 1 \\ +2 & +1 & +1 & +1 & +1 & +3 & +4 & +1 & +2 & \underline{+1}\end{array}$
$\begin{array}{rrrrrrrrrr}2 & 1 & 3 & 1 & 1 & 2 & 4 & 1 & 3 & 2 \\ +1 & +4 & +1 & +1 & \underline{+3} & \underline{+1} & \underline{+1} & \underline{+1} & \underline{+1} & \underline{+1}\end{array}$


Set B $\{1+4,4+1,1+1\}$ Practice on facts through Set $\quad \mathbf{B}$

| 4 | 1 | 1 | 2 | 4 | 1 | 3 | 1 | 1 | 2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $+1$ | $\underline{+4}$ | +1 | $\underline{+1}$ | $\pm 1$ | $\underline{+2}$ | $\pm 1$ | $\underline{+1}$ | $\underline{+4}$ | $\underline{+1}$ |
| 5 | 5 | 2 | 3 | 5 | 3 | 4 | 2 | 5 | 3 |
| 1 | 4 | 2 | 4 | 1 | 1 | 1 | 3 | 1 |  |
| $\underline{+2}$ | +1 | $\pm 1$ | +1 | $\underline{+1}$ | $\underline{+3}$ | $\underline{+4}$ | +1 | $\underline{+2}$ | $\underline{+1}$ |
| 3 | 5 | 3 | 5 | 2 | 4 | 5 | 4 | 3 | 2 |
| 2 | 1 | 3 | , | 1 | 2 | 4 | 1 | 3 | 2 |
| $\pm 1$ | $\underline{+4}$ | $\pm 1$ | +1 | $\underline{+3}$ | $\underline{+1}$ | $\underline{+1}$ | $\underline{+1}$ | $\underline{+1}$ | $\pm 1$ |
| 3 | 5 | 4 | 2 | 4 | 3 | 5 | 2 | 4 | 3 |
| 1 | 3 | 1 | , | 4 | 3 | 1 | 1 | 2 | 3 |
| $\pm 2$ | +1 | +1 | +3 | +1 | +1 | $\underline{+2}$ | +4 | +1 | +1 |
| 3 | 4 | 2 | 4 | 5 | 4 | 3 | 5 | 3 | 4 |

Set B $\{1+4,4+1,1+1\} \quad$ Practice on facts through Set $\quad \mathbf{B}$

| 4 | 1 | 1 | 2 | 4 | 1 | 3 | 1 | 1 | 2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\underline{+1}$ | +4 | +1 | $\underline{+1}$ | +1 | $\underline{+2}$ | $\underline{+1}$ | +1 | +4 | +1 |
| 5 | 5 | 2 | 3 | 5 | 3 | 4 | 2 | 5 | 3 |
| 1 | 4 | 2 | 4 | 1 | 1 | 1 | 3 | 1 | 1 |
| $\underline{+2}$ | +1 | +1 | +1 | +1 | +3 | +4 | +1 | $\underline{+2}$ | +1 |
| 3 | 5 | 3 | 5 | 2 | 4 | 5 | 4 | 3 | 2 |
| 2 | 1 | 3 | 1 | 1 | 2 | 4 | 1 | 3 | 2 |
| $\underline{+1}$ | $\underline{+4}$ | $\pm 1$ | $\underline{+1}$ | +3 | $\underline{+1}$ | $\underline{+1}$ | +1 | +1 | +1 |
| 3 | 5 | 4 | 2 | 4 | 3 | 5 | 2 | 4 | 3 |
| 1 | 3 | 1 | 1 | 4 | 3 | 1 | 1 | 2 | 3 |
| $\pm 2$ | +1 | +1 | +3 | +1 | $\underline{+1}$ | $\underline{+2}$ | +4 | +1 | +1 |
| 3 | 4 | 2 | 4 | 5 | 4 | 3 | 5 | 3 | 4 |

$\qquad$

Set $C[1+5,5+1,2+2]$ Practice on facts through Set $C$

| 5 | 1 | 2 | 4 | 3 | 1 | 1 | 5 | 1 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +1 | $\underline{+5}$ | $\underline{+2}$ | +1 | $\underline{+1}$ | $\underline{+2}$ | $\underline{+1}$ | $\underline{+1}$ | $\underline{+5}$ | +2 |
| 1 | 3 | 1 | 1 | 5 | 1 | 2 | 3 | 1 | 4 |
| +2 | $\underline{+1}$ | $\underline{+4}$ | $\underline{+1}$ | $\underline{+1}$ | $\underline{+5}$ | $\underline{+2}$ | +1 | $\pm 2$ | $\underline{+1}$ |
| 2 | 5 | 1 | 2 | 1 | 2 | 4 | 1 | 3 | 2 |
| +1 | $\underline{+1}$ | $\underline{+5}$ | $\underline{+2}$ | $\underline{+4}$ | $\underline{+1}$ | $\underline{+1}$ | $\underline{+1}$ | $\underline{+1}$ | $\underline{+1}$ |
| 1 | 3 | 1 | 1 | 5 | 1 | 2 | 1 | 4 | 3 |
| +2 | $\underline{+1}$ | +1 | +3 | +1 | +5 | +2 | +3 | +1 | +1 |

$\qquad$

Set $C[1+5,5+1,2+2]$ Practice on facts through Set $C$
$\begin{array}{rrrrrrrrrr}5 & 1 & 2 & 4 & 3 & 1 & 1 & 5 & 1 & 2 \\ +1 & \underline{+5} & +2 & +1 & +1 & \underline{+2} & \underline{+1} & \underline{+1} & \underline{+5} & \underline{+2}\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 3 & 1 & 1 & 5 & 1 & 2 & 3 & 1 & 4 \\ +2 & +1 & \underline{+4} & \underline{+1} & +1 & \underline{+5} & \underline{+2} & +1 & +2 & \underline{+1}\end{array}$
$\begin{array}{rrrrrrrrrr}2 & 5 & 1 & 2 & 1 & 2 & 4 & 1 & 3 & 2 \\ +1 & \underline{+1} & \underline{+5} & +2 & \underline{4} & \underline{+1} & \underline{+1} & \underline{+1} & \underline{+1} & \underline{+1}\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 3 & 1 & 1 & 5 & 1 & 2 & 1 & 4 & 3 \\ +2 & \underline{+1} & \underline{1} & \underline{+3} & +1 & \underline{+5} & \underline{+2} & \underline{+3} & \underline{+1} & \underline{+1}\end{array}$

Set $C[1+5,5+1,2+2]$ Practice on facts through Set

| 5 | 1 | 2 | 4 | 3 | 1 | 1 | 5 | 1 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +1 | +5 | $\pm 2$ | +1 | +1 | $\pm 2$ | $\pm 1$ | +1 | +5 | $\pm 2$ |
| 6 | 6 | 4 | 5 | 4 | 3 | 2 | 6 | 6 | 4 |


| 1 | 3 | 1 | 1 | 5 | 1 | 2 | 3 | 1 | 4 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +2 | +1 | +4 | $\pm 1$ | $\pm 1$ | $\pm 5$ | $\pm 2$ | $\pm 1$ | $\pm 2$ | $\pm 1$ |
| 3 | 4 | 5 | 2 | 6 | 6 | 4 | 4 | 3 | 5 |

$\begin{array}{rrrrrrrrrr}2 & 5 & 1 & 2 & 1 & 2 & 4 & 1 & 3 & 2 \\ +1 & \pm 1 & \pm 5 & \pm 2 & \pm 4 & \pm 1 & \pm 1 & \pm 1 & \pm 1 & \pm 1 \\ 3 & 6 & 6 & 4 & 5 & 3 & 5 & 2 & 4 & 3\end{array}$

| 1 | 3 | 1 | 1 | 5 | 1 | 2 | 1 | 4 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +2 | $\pm 1$ | $\pm 1$ | $\pm 3$ | +1 | $\pm 5$ | $\pm 2$ | $\pm 3$ | $\pm 1$ | $\pm 1$ |
| 3 | 4 | 2 | 4 | 6 | 6 | 4 | 4 | 5 | 4 |

Set $C[1+5,5+1,2+2]$ Practice on facts through Set $C$

| 5 | 1 | 2 | 4 | 3 | 1 | 1 | 5 | 1 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +1 | +5 | $\pm 2$ | +1 | +1 | +2 | $\pm 1$ | +1 | $\pm 5$ | $\pm 2$ |
| 6 | 6 | 4 | 5 | 4 | 3 | 2 | 6 | 6 | 4 |


| 1 | 3 | 1 | 1 | 5 | 1 | 2 | 3 | 1 | 4 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +2 | +1 | +4 | $\pm 1$ | $\pm 1$ | +5 | +2 | $\pm 1$ | $\pm 2$ | $\pm 1$ |
| 3 | 4 | 5 | 2 | 6 | 6 | 4 | 4 | 3 | 5 |

$\begin{array}{rrrrrrrrrr}2 & 5 & 1 & 2 & 1 & 2 & 4 & 1 & 3 & 2 \\ \pm 1 & \pm 1 & \pm 5 & \pm 2 & \pm 4 & \pm 1 & \pm 1 & \pm 1 & \pm 1 & \pm 1 \\ 3 & 6 & 6 & 4 & 5 & 3 & 5 & 2 & 4 & 3\end{array}$

| 1 | 3 | 1 | 1 | 5 | 1 | 2 | 1 | 4 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +2 | $\pm 1$ | $\pm 1$ | $\pm 3$ | $\pm 1$ | $\pm 5$ | $\pm 2$ | $\pm 3$ | $\pm 1$ | $\pm 1$ |
| 3 | 4 | 2 | 4 | 6 | 6 | 4 | 4 | 5 | 4 |

$\qquad$

Set $D[1+6,6+1,3+3]$ Practice on facts through Set $\mathbf{D}$

| 6 | 1 | 3 | 4 | 3 | 1 | 5 | 2 | 1 | 1 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $+\underline{1}$ | $+\underline{5}$ | $\underline{+3}$ | $\underline{+1}$ | $\underline{+1}$ | $\underline{+6}$ | $\underline{+1}$ | $\underline{+2}$ | $\underline{+4}$ | $\underline{+1}$ |


| 1 | 5 | 2 | 6 | 1 | 1 | 1 | 3 | 1 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +6 | +1 | $\underline{+2}$ | $\underline{+1}$ | $\underline{+2}$ | $\underline{+5}$ | $\underline{+4}$ | $\underline{+3}$ | $\underline{+2}$ | $\underline{+2}$ |


| 3 | 1 | 2 | 1 | 1 | 6 | 4 | 1 | 5 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +3 | +1 | $\underline{+2}$ | $+\underline{6}$ | $\underline{+3}$ | $\underline{+1}$ | $\underline{+1}$ | $\underline{+2}$ | $\underline{+1}$ | $\underline{+1}$ |


| 1 | 6 | 2 | 1 | 3 | 3 | 1 | 1 | 2 | 5 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +2 | +1 | +2 | $\underline{+5}$ | $\underline{+3}$ | $\underline{+1}$ | $\underline{+4}$ | $\underline{+6}$ | $\underline{+1}$ | $\underline{1}$ |

$\qquad$

Set D $[1+6,6+1,3+3]$ Practice on facts through Set $D$

| 6 | 1 | 3 | 4 | 3 | 1 | 5 | 2 | 1 | 1 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +1 | +5 | $\underline{+3}$ | +1 | $\underline{+1}$ | $\underline{+6}$ | $\underline{+1}$ | $\underline{+2}$ | $\underline{+4}$ | $\underline{+1}$ |

$\begin{array}{rrrrrrrrrr}1 & 5 & 2 & 6 & 1 & 1 & 1 & 3 & 1 & 2 \\ +6 & +1 & \underline{+2} & \underline{+1} & +\underline{2} & \underline{+5} & \underline{+4} & \underline{+3} & +2 & \underline{+2}\end{array}$
$\begin{array}{rrrrrrrrrr}3 & 1 & 2 & 1 & 1 & 6 & 4 & 1 & 5 & 2 \\ +3 & +1 & +2 & +6 & +3 & +1 & +1 & +2 & +1 & +1\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 6 & 2 & 1 & 3 & 3 & 1 & 1 & 2 & 5 \\ +2 & +1 & +2 & \underline{+5} & \underline{+3} & \underline{+1} & \underline{+4} & \underline{+6} & \underline{+1} & \underline{1}\end{array}$

Set D $[1+6,6+1,3+3]$ Practice on facts through Set $\square$
$\begin{array}{rrrrrrrrrr}6 & 1 & 3 & 4 & 3 & 1 & 5 & 2 & 1 & 1 \\ +1 & +5 & \pm 3 & \pm 1 & \pm 1 & \pm 6 & \pm 1 & \pm 2 & +4 & \pm 1 \\ 7 & 6 & 6 & 5 & 4 & 7 & 6 & 4 & 5 & 2\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 5 & 2 & 6 & 1 & 1 & 1 & 3 & 1 & 2 \\ +6 & +1 & \pm 2 & \pm 1 & +2 & +5 & \pm 4 & \pm 3 & +2 & +2 \\ 7 & 6 & 4 & 7 & 3 & 6 & 5 & 6 & 3 & 4\end{array}$

| 3 | 1 | 2 | 1 | 1 | 6 | 4 | 1 | 5 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +3 | +1 | $\pm 2$ | $\pm 6$ | $\pm 3$ | +1 | $\pm 1$ | $\pm 2$ | $\pm 1$ | $\pm 1$ |
| 6 | 2 | 4 | 7 | 4 | 7 | 5 | 3 | 6 | 3 |


| 1 | 6 | 2 | 1 | 3 | 3 | 1 | 1 | 2 | 5 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +2 | $\pm 1$ | $\pm 2$ | $\pm 5$ | $\pm 3$ | +1 | +4 | $\pm 6$ | $\pm 1$ | +1 |
| 3 | 7 | 4 | 6 | 6 | 4 | 5 | 7 | 3 | 6 |

Set D [1+6, 6+1, 3+3] Practice on facts through Set $D$
$\begin{array}{rrrrrrrrrr}6 & 1 & 3 & 4 & 3 & 1 & 5 & 2 & 1 & 1 \\ +1 & \pm 5 & \pm 3 & \pm 1 & \pm 1 & \pm 6 & +1 & \pm 2 & +4 & \pm 1 \\ 7 & 6 & 6 & 5 & 4 & 7 & 6 & 4 & 5 & 2\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 5 & 2 & 6 & 1 & 1 & 1 & 3 & 1 & 2 \\ +6 & \pm 1 & \pm 2 & \pm 1 & \pm 2 & \pm 5 & \pm 4 & \pm 3 & \pm 2 & \pm 2 \\ 7 & 6 & 4 & 7 & 3 & 6 & 5 & 6 & 3 & 4\end{array}$

| 3 | 1 | 2 | 1 | 1 | 6 | 4 | 1 | 5 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +3 | +1 | $\pm 2$ | +6 | +3 | +1 | +1 | +2 | $\pm 1$ | +1 |
| 6 | 2 | 4 | 7 | 4 | 7 | 5 | 3 | 6 | 3 |


| 1 | 6 | 2 | 1 | 3 | 3 | 1 | 1 | 2 | 5 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +2 | $\pm 1$ | $\pm 2$ | $\pm 5$ | $\pm 3$ | $\pm 1$ | $\pm 4$ | $\pm 6$ | +1 | +1 |
| 3 | 7 | 4 | 6 | 6 | 4 | 5 | 7 | 3 | 6 |

A-9 Name $\qquad$

Set $\mathrm{E}[1+7,7+1,4+4]$ Practice on facts through Set $\mathbf{E}$

| 7 | 1 | 3 | 4 | 6 | 1 | 3 | 2 | 1 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +1 | $\underline{+5}$ | +3 | $\underline{+4}$ | $\underline{+1}$ | $\underline{+7}$ | $\underline{+1}$ | $\underline{+2}$ | $\underline{+6}$ | $\underline{+1}$ |


| 4 | 5 | 3 | 7 | 2 | 6 | 2 | 3 | 1 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +4 | +1 | +3 | +1 | +2 | +1 | $\underline{+1}$ | $\underline{+3}$ | $\underline{+7}$ | $\underline{+1}$ |


| 1 | 1 | 6 | 4 | 1 | 7 | 3 | 1 | 1 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +7 | $\underline{+2}$ | $\underline{+1}$ | $\underline{+4}$ | $\underline{+5}$ | $\underline{+1}$ | $\underline{+3}$ | $\underline{+6}$ | $\underline{+1}$ | $\underline{+1}$ |


| 1 | 3 | 1 | 7 | 5 | 4 | 2 | 1 | 1 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +6 | $\underline{+3}$ | +2 | +1 | $\underline{+1}$ | $\underline{+4}$ | $\underline{+2}$ | $\underline{+7}$ | $\underline{+1}$ | $\underline{+1}$ |

Mastering Math Facts - Addition
A-9 Name $\qquad$

Set $\mathbf{E}[1+7,7+1,4+4]$ Practice on facts through Set $\mathbf{E}$
$\begin{array}{rrrrrrrrrr}7 & 1 & 3 & 4 & 6 & 1 & 3 & 2 & 1 & 2 \\ +1 & \underline{+5} & +3 & \underline{+4} & \underline{+1} & +7 & \underline{+1} & \underline{+2} & \underline{+6} & \underline{+1}\end{array}$
$\begin{array}{rrrrrrrrrr}4 & 5 & 3 & 7 & 2 & 6 & 2 & 3 & 1 & 3 \\ +4 & \underline{+1} & \underline{+3} & +1 & \underline{+2} & +1 & \underline{+1} & \underline{+3} & \underline{+7} & \underline{+1}\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 1 & 6 & 4 & 1 & 7 & 3 & 1 & 1 & 2 \\ +7 & +2 & \underline{+1} & \underline{+4} & \underline{+5} & \underline{+1} & \underline{+3} & \underline{+6} & \underline{+1} & \underline{+1}\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 3 & 1 & 7 & 5 & 4 & 2 & 1 & 1 & 3 \\ +6 & \underline{+3} & +2 & +1 & \underline{1} & \underline{4} & \underline{+2} & \underline{+7} & \underline{+1} & \underline{+1}\end{array}$

Set E $[1+7,7+1,4+4]$ Practice on facts through Set $\mathbf{E}$


Set E $[1+7,7+1,4+4]$ Practice on facts through set $\mathbf{E}$

$\qquad$

Set F $[1+8,8+1,5+5]$ Practice on facts through Set $\mathbf{F}$
$\begin{array}{rrrrrrrrrr}8 & 1 & 3 & 7 & 3 & 5 & 4 & 1 & 1 & 1 \\ +1 & \underline{+6} & \underline{+3} & \underline{+1} & \underline{+1} & \underline{+5} & \underline{+4} & \underline{+8} & \underline{+5} & \underline{+7}\end{array}$
$\begin{array}{rrrrrrrrrr}5 & 6 & 8 & 4 & 1 & 1 & 2 & 7 & 1 & 1 \\ +5 & \underline{+1} & \underline{+1} & \underline{+4} & \underline{+7} & \underline{+6} & \underline{+2} & \underline{+1} & \underline{+1} & \underline{+8}\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 3 & 4 & 5 & 7 & 8 & 3 & 1 & 1 & 2 \\ +8 & \underline{+3} & +1 & \underline{5} & +1 & +1 & \underline{+1} & \underline{+2} & \underline{+6} & \underline{+2}\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 5 & 1 & 1 & 3 & 1 & 1 & 4 & 8 & 6 \\ +4 & \underline{+5} & \underline{+7} & \underline{+8} & \underline{+3} & \underline{+7} & \underline{+5} & \underline{+4} & \underline{+1} & \underline{+1}\end{array}$

Mastering Math Facts - Addition A-10 Name $\qquad$

Set $\mathrm{F}[1+8,8+1,5+5]$ Practice on facts through Set $\mathbf{F}$
$\begin{array}{rrrrrrrrrr}8 & 1 & 3 & 7 & 3 & 5 & 4 & 1 & 1 & 1 \\ +1 & +6 & +3 & \underline{+1} & \underline{+1} & \underline{+5} & \underline{+4} & \underline{+8} & \underline{+5} & \underline{+7}\end{array}$
$\begin{array}{rrrrrrrrrr}5 & 6 & 8 & 4 & 1 & 1 & 2 & 7 & 1 & 1 \\ +5 & \underline{+1} & \underline{+1} & \underline{+4} & \underline{+7} & \underline{+6} & \underline{+2} & \underline{+1} & \underline{+1} & \underline{+8}\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 3 & 4 & 5 & 7 & 8 & 3 & 1 & 1 & 2 \\ +8 & \underline{+3} & \underline{+1} & \underline{+5} & \underline{+1} & \underline{+1} & \underline{+1} & \underline{+2} & \underline{+6} & \underline{+2}\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 5 & 1 & 1 & 3 & 1 & 1 & 4 & 8 & 6 \\ +4 & \underline{+5} & +7 & \underline{+8} & \underline{+3} & \underline{+7} & \underline{+5} & \underline{+4} & \underline{+1} & \underline{+1}\end{array}$

Set $F[1+8,8+1,5+5]$ Practice on facts through Set $F$

| 8 | 1 | 3 | 7 | 3 | 5 | 4 | 1 | 1 | 1 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +1 | $\frac{+6}{7}$ | $\frac{+3}{6}$ | $\frac{+1}{8}$ | $\frac{+1}{4}$ | $\frac{+5}{10}$ | $\frac{+4}{8}$ | $\frac{+8}{9}$ | $\frac{+5}{6}$ | $\frac{+7}{8}$ |
| 9 | 6 | 8 | 4 | 1 | 1 | 2 | 7 | 1 | 1 |
| $\frac{+5}{10}$ | $\frac{+1}{7}$ | $\frac{+1}{9}$ | $\frac{+4}{8}$ | $\frac{+7}{8}$ | $\frac{+6}{7}$ | $\frac{+2}{4}$ | $\frac{+1}{8}$ | $\frac{+1}{2}$ | $\frac{+8}{9}$ |
| 1 | 3 | 4 | 5 | 7 | 8 | 3 | 1 | 1 | 2 |
| $\frac{+8}{9}$ | $\frac{+3}{6}$ | $\frac{+1}{5}$ | $\frac{+5}{10}$ | $\frac{+1}{8}$ | $\frac{+1}{9}$ | $\frac{+1}{4}$ | $\frac{+2}{3}$ | $\frac{+6}{7}$ | $\frac{+2}{4}$ |
| 1 | 5 | 1 | 1 | 3 | 1 | 1 | 4 | 8 | 6 |
| $\frac{+4}{5}$ | $\frac{+5}{10}$ | $\frac{+7}{8}$ | $\frac{+8}{9}$ | $\frac{+3}{6}$ | $\frac{+7}{8}$ | $\frac{+5}{6}$ | $\frac{+4}{8}$ | $\frac{+1}{9}$ | $\frac{+1}{7}$ |

Set $F[1+8,8+1,5+5]$ Practice on facts through Set $F$

| 8 | 1 | 3 | 7 | 3 | 5 | 4 | 1 | 1 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +1 | +6 | +3 | +1 |  |  |  |  |  |
| 9 | 7 | +1 | +5 | +4 | +8 | +5 | +7 |  |

$\begin{array}{rrrrrrrrrr}5 & 6 & 8 & 4 & 1 & 1 & 2 & 7 & 1 & 1 \\ +5 & +1 & \frac{+1}{9} & \frac{+4}{8} & \frac{+7}{8} & \frac{+6}{7} & \frac{+2}{4} & \frac{+1}{8} & \frac{+1}{2} & \frac{+8}{9}\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 3 & 4 & 5 & 7 & 8 & 3 & 1 & 1 & 2 \\ +8 & \frac{+3}{9} & \frac{+1}{5} & \frac{+5}{10} & \frac{+1}{8} & \frac{+1}{9} & \frac{+1}{4} & \frac{+2}{3} & \frac{+6}{7} & \frac{+2}{4}\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 5 & 1 & 1 & 3 & 1 & 1 & 4 & 8 & 6 \\ +4 & \frac{+5}{5} & \frac{+7}{8} & \frac{+8}{9} & \frac{+3}{6} & \frac{+7}{8} & \frac{+5}{6} & \frac{+4}{8} & \frac{+1}{9} & \frac{+1}{7}\end{array}$
$\qquad$

Set G $[1+9,9+1,0+$ any number $]$ Practice on facts through Set $G$
$\begin{array}{rrrrrrrrrr}9 & 1 & 5 & 0 & 8 & 1 & 6 & 4 & 1 & 9 \\ +1 & \underline{+7} & \underline{+5} & \underline{+1} & \underline{+1} & \underline{+9} & \underline{+1} & \underline{+4} & \underline{+5} & \underline{+0}\end{array}$
$\begin{array}{rrrrrrrrrr}1 & 6 & 3 & 9 & 5 & 4 & 0 & 7 & 1 & 3 \\ +8 & +0 & +3 & +1 & +5 & \underline{+4} & \underline{+3} & +1 & +9 & +1\end{array}$
$\begin{array}{rrrrrrrrrr}4 & 1 & 5 & 1 & 4 & 8 & 9 & 1 & 2 & 0 \\ +4 & +9 & \underline{+5} & \underline{+8} & \underline{+0} & \underline{+1} & \underline{+1} & \underline{+7} & \underline{+2} & \underline{+5}\end{array}$
$\begin{array}{rrrrrrrrrr}7 & 1 & 9 & 8 & 2 & 3 & 1 & 1 & 2 & 3 \\ +1 & +8 & \underline{+1} & \underline{+1} & \underline{+2} & \underline{+0} & \underline{+1} & \underline{+9} & \underline{+1} & \underline{+0}\end{array}$

Mastering Math Facts - Addition
A-11 Name $\qquad$

Set G $[1+9,9+1,0+$ any number $]$ Practice on facts through Set $G$
$\left.\begin{array}{rrrrrrrrr}9 & 1 & 5 & 0 & 8 & 1 & 6 & 4 & 1\end{array}\right) 9$

| 1 | 6 | 3 | 9 | 5 | 4 | 0 | 7 | 1 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +8 | +0 | +3 | +1 | $\underline{+5}$ | $\underline{+4}$ | $\underline{+3}$ | $\underline{+1}$ | $\underline{+9}$ | $\underline{+1}$ |


| 4 | 1 | 5 | 1 | 4 | 8 | 9 | 1 | 2 | 0 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +4 | +9 | $\underline{+5}$ | $\underline{+8}$ | $\underline{+0}$ | $\underline{+1}$ | $\underline{+1}$ | $\underline{+7}$ | $\underline{+2}$ | $\underline{+5}$ |

$\begin{array}{rrrrrrrrrr}7 & 1 & 9 & 8 & 2 & 3 & 1 & 1 & 2 & 3 \\ +1 & +8 & \underline{+1} & \underline{+1} & \underline{+2} & \underline{+0} & \underline{+1} & \underline{+9} & \underline{+1} & \underline{+0}\end{array}$

Set $G[1+9,9+1,0+$ any number $]$ Practice on facts through Set $G$

| 9 | 1 | 5 | 0 | 8 | 1 | 6 | 4 | 1 | 9 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+1}{10}$ | $\frac{+7}{\mathbf{8}}$ | $\frac{+5}{10}$ | $\frac{+1}{1}$ | $\frac{+1}{9}$ | $\frac{+9}{10}$ | $\frac{+1}{\mathbf{7}}$ | $\frac{+4}{8}$ | $\frac{+5}{6}$ | $\frac{+0}{9}$ |
| 1 | 6 | 3 | 9 | 5 | 4 | 0 | 7 | 1 | 3 |
| $\frac{+8}{9}$ | $\frac{+0}{6}$ | $\frac{+3}{\mathbf{6}}$ | $\frac{+1}{10}$ | $\frac{+5}{10}$ | $\frac{+4}{8}$ | $\frac{+3}{3}$ | $\frac{+1}{8}$ | $\frac{+9}{\mathbf{1 0}}$ | $\frac{+1}{4}$ |
| 4 | 1 | 5 | 1 | 4 | 8 | 9 | 1 | 2 | 0 |
| $\frac{+4}{\mathbf{8}}$ | $\frac{+9}{10}$ | $\frac{+5}{10}$ | $\frac{+8}{9}$ | $\frac{+0}{4}$ | $\frac{+1}{9}$ | $\frac{+1}{10}$ | $\frac{+7}{8}$ | $\frac{+2}{4}$ | $\frac{+5}{\mathbf{5}}$ |
| 7 | 1 | 9 | 8 | 2 | 3 | 1 | 1 | 2 | 3 |
| $\frac{+1}{8}$ | $\frac{+8}{9}$ | $\frac{+1}{10}$ | $\frac{+1}{9}$ | $\frac{+2}{4}$ | $\frac{+0}{\mathbf{3}}$ | $\frac{+1}{2}$ | $\frac{+9}{10}$ | $\frac{+1}{\mathbf{3}}$ | $\frac{+0}{3}$ |

Set $\mathbf{G}[1+9,9+1,0+$ any number $]$ Practice on facts through Set $G$

$\qquad$

Set H $[2+3,3+2,6+6]$ Practice on facts through Set H
$\begin{array}{rrrrrrrrrr}3 & 0 & 2 & 9 & 6 & 1 & 5 & 1 & 1 & 4 \\ +2 & \underline{+5} & \underline{+3} & \underline{+1} & \underline{+6} & \underline{+8} & \underline{+5} & \underline{+7} & \underline{+9} & \underline{+4}\end{array}$
$\begin{array}{rrrrrrrrrr}6 & 8 & 1 & 3 & 3 & 5 & 2 & 3 & 1 & 7 \\ +6 & +1 & \underline{+1} & +2 & \underline{+3} & +5 & \underline{+3} & \underline{+0} & \underline{+9} & \underline{+1}\end{array}$
$\begin{array}{rrrrrrrrrr}5 & 1 & 3 & 8 & 0 & 6 & 2 & 9 & 6 & 2 \\ +5 & +9 & \underline{+2} & +1 & \underline{7} & \underline{+6} & \underline{3} & \underline{+1} & \underline{+1} & \underline{+2}\end{array}$
$\begin{array}{rrrrrrrrrr}2 & 7 & 1 & 3 & 4 & 6 & 1 & 1 & 9 & 2 \\ +3 & \underline{+0} & \underline{+5} & +2 & \underline{+1} & \underline{+6} & \underline{+8} & \underline{+3} & \underline{+1} & \underline{+1}\end{array}$
$\qquad$

Set H $[2+3,3+2,6+6]$ Practice on facts through Set H

| 3 | 0 | 2 | 9 | 6 | 1 | 5 | 1 | 1 | 4 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\underline{+2}$ | $\underline{+5}$ | $\underline{+3}$ | $\underline{+1}$ | $\underline{+6}$ | $\underline{+8}$ | $\underline{+5}$ | $\underline{+7}$ | $\underline{+9}$ | $\underline{+4}$ |
| 6 | 8 | 1 | 3 | 3 | 5 | 2 | 3 | 1 | 7 |
| +6 | $\underline{+1}$ | $\underline{+1}$ | $\underline{+2}$ | $\underline{+3}$ | $\underline{+5}$ | $\underline{+3}$ | $\underline{+0}$ | $\underline{+9}$ | $\underline{+1}$ |

$\begin{array}{rrrrrrrrrr}5 & 1 & 3 & 8 & 0 & 6 & 2 & 9 & 6 & 2 \\ +5 & +9 & +2 & +1 & +7 & +6 & \underline{3} & +1 & \underline{+1} & \underline{+2}\end{array}$
$\begin{array}{rrrrrrrrrr}2 & 7 & 1 & 3 & 4 & 6 & 1 & 1 & 9 & 2 \\ +3 & \underline{+0} & \underline{+5} & +2 & +\underline{1} & \underline{+6} & \underline{+8} & \underline{+3} & \underline{+1} & \underline{+1}\end{array}$

Set $H[2+3,3+2,6+6]$ Practice on facts through Set $\boldsymbol{H}$
$\begin{array}{rrrrrrrrrr}3 & 0 & 2 & 9 & 6 & 1 & 5 & 1 & 1 & 4 \\ +2 & \frac{+5}{5} & \frac{+3}{5} & \frac{+1}{10} & \frac{+6}{12} & \frac{+8}{9} & \frac{+5}{10} & \frac{+7}{8} & \frac{+9}{10} & \frac{+4}{8}\end{array}$
$\begin{array}{rrrrrrrrrr}6 & 8 & 1 & 3 & 3 & 5 & 2 & 3 & 1 & 7 \\ +\frac{+6}{12} & \frac{+1}{9} & \frac{+1}{2} & \frac{+2}{5} & \frac{+3}{6} & \frac{+5}{10} & \frac{+3}{5} & \frac{+0}{3} & \frac{+9}{10} & \frac{+1}{8}\end{array}$
$\begin{array}{rrrrrrrrrr}5 & 1 & 3 & 8 & 0 & 6 & 2 & 9 & 6 & 2 \\ \frac{+5}{10} & \frac{+9}{10} & \frac{+2}{5} & \frac{+1}{9} & \frac{+7}{7} & \frac{+6}{12} & \frac{+3}{5} & \frac{+1}{10} & \frac{+1}{7} & \frac{+2}{4} \\ 2 & 7 & 1 & 3 & 4 & 6 & 1 & 1 & 9 & 2 \\ \frac{+3}{5} & \frac{+0}{7} & \frac{+5}{6} & \frac{+2}{5} & \frac{+1}{5} & \frac{+6}{12} & \frac{+8}{9} & \frac{+3}{4} & \frac{+1}{10} & \frac{+1}{3}\end{array}$

Set $H[2+3,3+2,6+6]$ Practice on facts through Set H

| 3 | 0 | 2 | 9 | 6 | 1 | 5 | 1 | 1 | 4 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +2 | $\frac{+5}{5}$ | $\frac{+3}{5}$ | $\frac{+1}{10}$ | $\frac{+6}{12}$ | $\frac{+8}{9}$ | $\frac{+5}{10}$ | $\frac{+7}{8}$ | $\frac{+9}{10}$ | $\frac{+4}{8}$ |
| 6 | 8 | 1 | 3 | 3 | 5 | 2 | 3 | 1 | 7 |
| $\frac{+6}{12}$ | $\frac{+1}{9}$ | $\frac{+1}{2}$ | $\frac{+2}{5}$ | $\frac{+3}{6}$ | $\frac{+5}{10}$ | $\frac{+3}{5}$ | $\frac{+0}{3}$ | $\frac{+9}{10}$ | $\frac{+1}{8}$ |

$\begin{array}{rrrrrrrrrr}5 & 1 & 3 & 8 & 0 & 6 & 2 & 9 & 6 & 2 \\ \frac{+5}{10} & \frac{+9}{10} & \frac{+2}{5} & \frac{+1}{9} & \frac{+7}{7} & \frac{+6}{12} & \frac{+3}{5} & \frac{+1}{10} & \frac{+1}{7} & \frac{+2}{4}\end{array}$
$\begin{array}{rrrrrrrrrr}2 & 7 & 1 & 3 & 4 & 6 & 1 & 1 & 9 & 2 \\ +\frac{+3}{5} & \frac{+0}{7} & \frac{+5}{6} & \frac{+2}{5} & \frac{+1}{5} & \frac{+6}{12} & \frac{+8}{9} & \frac{+3}{4} & \frac{+1}{10} & \frac{+1}{3}\end{array}$
$\qquad$

Set I $[4+2,2+4,7+7]$ Practice on facts through Set $\mathbf{I}$
$\begin{array}{rrrrrrrrrr}4 & 3 & 1 & 2 & 6 & 2 & 3 & 7 & 3 & 8 \\ +2 & +2 & +9 & +4 & \underline{+6} & \underline{+3} & \underline{+0} & \underline{+7} & \underline{+3} & \underline{+1}\end{array}$
$\begin{array}{rrrrrrrrrr}7 & 9 & 4 & 6 & 2 & 6 & 2 & 0 & 3 & 4 \\ +7 & +1 & \underline{+2} & \underline{+1} & \underline{+3} & \underline{+6} & \underline{+4} & \underline{+4} & \underline{+2} & \underline{+4}\end{array}$
$\begin{array}{rrrrrrrrrr}2 & 7 & 2 & 1 & 4 & 5 & 4 & 1 & 7 & 5 \\ +\underline{4} & \underline{+0} & \underline{3} & \underline{+9} & \underline{+2} & \underline{+5} & \underline{+1} & \underline{+1} & \underline{+7} & \underline{+1}\end{array}$
$\begin{array}{llllllllll}3 & 6 & 2 & 1 & 7 & 3 & 4 & 9 & 1 & 3\end{array}$
$\underline{+2} \quad \underline{+6} \quad \underline{+4} \quad \underline{+8} \quad \underline{+7} \quad \underline{+1} \quad \underline{+2} \quad \underline{1} \quad \underline{+5} \quad \underline{+1}$

Mastering Math Facts - Addition
A-13 Name $\qquad$

Set I $[4+2,2+4,7+7]$ Practice on facts through Set I

| 4 | 3 | 1 | 2 | 6 | 2 | 3 | 7 | 3 | 8 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +2 | +2 | $\underline{9}$ | $\underline{+4}$ | $\underline{+6}$ | $\underline{+3}$ | $\underline{+0}$ | $\underline{+7}$ | $\underline{+3}$ | $\underline{+1}$ |


| 7 | 9 | 4 | 6 | 2 | 6 | 2 | 0 | 3 | 4 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +7 | $\underline{1}$ | $\underline{+2}$ | $\underline{+1}$ | $\underline{3}$ | $\underline{+6}$ | $\underline{+4}$ | $\underline{4}$ | $\underline{+2}$ | $\underline{+4}$ |

$\begin{array}{rrrrrrrrrr}2 & 7 & 2 & 1 & 4 & 5 & 4 & 1 & 7 & 5 \\ +\underline{4} & \underline{+0} & \underline{3} & \underline{+9} & \underline{+2} & \underline{+5} & \underline{+1} & \underline{+1} & \underline{+7} & \underline{+1}\end{array}$

| 3 | 6 | 2 | 1 | 7 | 3 | 4 | 9 | 1 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $+\underline{2}$ | $\underline{+6}$ | $\underline{4}$ | $\underline{+8}$ | $\underline{7}$ | $\underline{+1}$ | $\underline{+2}$ | $\underline{+1}$ | $\underline{+5}$ | $\underline{+1}$ |

Set I $[4+2,2+4,7+7] \quad$ Practice on facts through Set $\mathbf{I}$
$\begin{array}{rrrrrrrrrr}4 & 3 & 1 & 2 & 6 & 2 & 3 & 7 & 3 & 8\end{array}$
$+2+2+9+4 \quad+6 \quad+3 \quad+0 \quad+7 \quad+3 \quad+1$
$\begin{array}{llllllllll}6 & 5 & 10 & 6 & 12 & 5 & 3 & 14 & 6 & 9\end{array}$
$\begin{array}{rrrrrrrrrr}7 & 9 & 4 & 6 & 2 & 6 & 2 & 0 & 3 & 4 \\ +7 & +1 & +2 & +1 & +3 & +6 & +4 & +4 & +2 & +4\end{array}$
$\begin{array}{llllllllll}14 & 10 & 6 & 7 & 5 & 12 & 6 & 4 & 5 & 8\end{array}$

| 2 | 7 | 2 | 1 | 4 | 5 | 4 | 1 | 7 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +4 | +0 | +3 | +9 | +2 | +5 | +1 | +1 | +7 |
|  | -1 |  |  |  |  |  |  |  |


| 6 | 7 | 5 | 10 | 6 | 10 | 5 | 2 | 14 | 6 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

$\begin{array}{llllllllll}3 & 6 & 2 & 1 & 7 & 3 & 4 & 9 & 1 & 3\end{array}$
$+2+6 \quad+4 \quad+8 \quad+7 \quad+1 \quad+2 \quad+1 \quad+5 \quad+1$ $\begin{array}{llllllllll}5 & 12 & 6 & 9 & 14 & 4 & 6 & 10 & 6 & 4\end{array}$

Set I $[4+2,2+4,7+7] \quad$ Practice on facts through Set $\mathbf{I}$
$\begin{array}{llllllllll}4 & 3 & 1 & 2 & 6 & 2 & 3 & 7 & 3 & 8\end{array}$
$+2+2+9 \quad+4 \quad+6 \quad+3 \quad+0 \quad+7 \quad+3 \quad+1$
$\begin{array}{llllllllll}6 & 5 & 10 & 6 & 12 & 5 & 3 & 14 & 6 & 9\end{array}$
$\begin{array}{rrrrrrrrrr}7 & 9 & 4 & 6 & 2 & 6 & 2 & 0 & 3 & 4\end{array}$
$+7+1+2+1+3+6+4+4+2+4$
$\begin{array}{llllllllll}14 & 10 & 6 & 7 & 5 & 12 & 6 & 4 & 5 & 8\end{array}$
$\begin{array}{rrrrrrrrrr}2 & 7 & 2 & 1 & 4 & 5 & 4 & 1 & 7 & 5 \\ +4 & +0 & +3 & +9 & +2 & +5 & +1 & +1 & +7 & +1\end{array}$ $+4 \quad+0 \quad+3 \quad+9 \quad+2 \quad+5 \quad+1 \quad+1 \quad+7 \quad+1$

| 6 | 7 | 5 | 10 | 6 | 10 | 5 | 2 | 14 | 6 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 3 | 6 | 2 | 1 | 7 | 3 | 4 | 9 | 1 | 3 |

$+2+6 \quad+4 \quad+8 \quad+7 \quad+1 \quad+2 \quad+1 \quad+5 \quad+1$

| 5 | 12 | 6 | 9 | 14 | 4 | 6 | 10 | 6 | 4 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

$\qquad$

Set J $[5+2,2+5,8+8]$ Practice on facts through Set $\mathbf{J}$
$\left.\begin{array}{rrrrrrrrr}7 & 5 & 2 & 2 & 8 & 1 & 6 & 4 & 3\end{array}\right) 2$
$\begin{array}{rrrrrrrrrr}8 & 3 & 5 & 0 & 7 & 4 & 2 & 4 & 2 & 4 \\ +8 & \underline{+2} & \underline{+2} & \underline{+9} & \underline{+7} & \underline{+2} & \underline{+5} & \underline{+4} & \underline{+4} & \underline{+1}\end{array}$
$\begin{array}{rrrrrrrrrr}2 & 6 & 2 & 5 & 2 & 8 & 8 & 1 & 3 & 2 \\ +5 & \underline{+6} & \underline{+3} & \underline{+2} & \underline{+4} & \underline{+1} & \underline{+8} & \underline{+7} & \underline{+1} & \underline{+2}\end{array}$
$\begin{array}{rrrrrrrrrr}4 & 8 & 1 & 3 & 5 & 7 & 1 & 6 & 2 & 5 \\ +2 & \underline{+8} & +2 & +2 & \underline{+2} & \underline{+7} & \underline{+1} & \underline{+6} & \underline{+5} & \underline{+1}\end{array}$

Name $\qquad$

Set J [5+2, 2+5, 8+8] Practice on facts through Set $\mathbf{J}$

| 7 | 5 | 2 | 2 | 8 | 1 | 6 | 4 | 3 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +7 | $\underline{+2}$ | $\underline{+3}$ | $\underline{+4}$ | $\underline{+8}$ | $\underline{+9}$ | $\underline{+6}$ | $\underline{+2}$ | $\underline{+3}$ | $\underline{+5}$ |


| 8 | 3 | 5 | 0 | 7 | 4 | 2 | 4 | 2 | 4 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +8 | $\underline{+2}$ | $\underline{+2}$ | $\underline{+9}$ | $\underline{+7}$ | $\underline{+2}$ | $\underline{+5}$ | $\underline{+4}$ | $\underline{+4}$ | $\underline{+1}$ |


| 2 | 6 | 2 | 5 | 2 | 8 | 8 | 1 | 3 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +5 | +6 | $\underline{+3}$ | $\underline{+2}$ | $\underline{+4}$ | $\underline{+1}$ | $\underline{+8}$ | $\underline{+7}$ | $\underline{+1}$ | $\underline{+2}$ |


| 4 | 8 | 1 | 3 | 5 | 7 | 1 | 6 | 2 | 5 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +2 | $\underline{+8}$ | +2 | +2 | $\underline{+2}$ | $\underline{+7}$ | +1 | $\underline{+6}$ | $\underline{+5}$ | $\underline{+1}$ |

Set J $[5+2,2+5,8+8]$ Practice on facts through Set $J$

| 7 | 5 | 2 | 2 | 8 | 1 | 6 | 4 | 3 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +7 | +2 | +3 | +4 | +8 | +9 | +6 | +2 | +3 | +5 |
| 14 | 7 | 5 | 6 | 16 | 10 | 12 | 6 | 6 | 7 |
| 8 | 3 | 5 | 0 | 7 | 4 | 2 | 4 | 2 | 4 |
| +8 | +2 | +2 | $\frac{+9}{16}$ | 5 | $\frac{+7}{14}$ | $\frac{+2}{6}$ | $\frac{+5}{7}$ | $\frac{+4}{8}$ | $\frac{+4}{6}$ |
| 2 | 6 | 2 | 5 | 2 | 8 | 8 | 1 | 3 | 2 |
| +5 | +6 | +3 | +2 | $\frac{+4}{7}$ | $\frac{+1}{9}$ | $\frac{+8}{16}$ | $\frac{+7}{8}$ | +1 | +2 |
| 7 | 12 | 5 | 7 | 6 | $\frac{+1}{4}$ |  |  |  |  |
| 4 | 8 | 1 | 3 | 5 | 7 | 1 | 6 | 2 | 5 |
| +2 | $\frac{+8}{16}$ | $\frac{+2}{3}$ | $\frac{+2}{5}$ | $\frac{+2}{7}$ | $\frac{+7}{14}$ | $\frac{+1}{2}$ | $\frac{+6}{12}$ | $\frac{+5}{7}$ | $\frac{+1}{6}$ |

Set J $[5+2,2+5,8+8]$ Practice on facts through Set $\mathbf{J}$

| 7 | 5 | 2 | 2 | 8 | 1 | 6 | 4 | 3 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +7 | +2 | $\pm 3$ | $\frac{+4}{14}$ | $\frac{+8}{16}$ | $\frac{+9}{10}$ | $\frac{+6}{12}$ | $\frac{+2}{6}$ | $\frac{+3}{6}$ | $\frac{+5}{7}$ |
| 8 | 3 | 5 | 0 | 7 | 4 | 2 | 4 | 2 | 4 |
| +8 | +2 | +2 | $\frac{+9}{16}$ | 5 | $\frac{+7}{14}$ | $\frac{+2}{6}$ | $\frac{+5}{7}$ | $\frac{+4}{8}$ | $\frac{+4}{6}$ |
| 2 | 6 | 2 | 5 | 2 | 8 | 8 | 1 | 3 | 2 |
| +5 | +6 | +3 | $\frac{+2}{7}$ | $\frac{+4}{6}$ | $\frac{+1}{9}$ | $\frac{+8}{16}$ | $\frac{+7}{8}$ | +1 | +2 |
| 7 | 12 | 5 | 7 | 6 | 7 | 1 | 6 | 2 | 5 |
| 4 | 8 | 1 | 3 | 5 | 7 | 1 |  |  |  |
| +2 | $\frac{+8}{16}$ | $\frac{+2}{3}$ | $\frac{+2}{5}$ | $\frac{+2}{7}$ | $\frac{+7}{14}$ | $\frac{+1}{2}$ | $\frac{+6}{12}$ | $\frac{+5}{7}$ | $\frac{+1}{6}$ |

$\qquad$

Set K $[6+2,2+6,9+9]$ Practice on facts through Set $\mathbf{K}$
$\begin{array}{llllllllll}6 & 1 & 7 & 2 & 3 & 9 & 6 & 5 & 8 & 2\end{array}$
$\underline{+2} \quad \underline{+1} \quad \underline{+7} \quad \underline{+6} \quad+1 \quad \underline{+9} \quad+6 \quad+2 \quad+8 \quad \underline{4}$
$\begin{array}{rrrrrrrrrr}2 & 4 & 8 & 2 & 6 & 5 & 5 & 9 & 1 & 4 \\ +\underline{6} & \underline{+2} & \underline{+8} & \underline{+5} & \underline{+2} & \underline{+5} & \underline{+2} & \underline{+9} & \underline{+2} & \underline{+4}\end{array}$
$\begin{array}{rrrrrrrrrr}9 & 6 & 2 & 5 & 7 & 2 & 3 & 2 & 4 & 8 \\ +9 & +2 & \underline{4} & \underline{+2} & \underline{+7} & \underline{+6} & \underline{+3} & \underline{+5} & \underline{+1} & \underline{+8}\end{array}$
$\begin{array}{rrrrrrrrrr}2 & 2 & 2 & 4 & 9 & 6 & 1 & 1 & 0 & 6 \\ +5 & \underline{+2} & \underline{+6} & \underline{+2} & +9 & \underline{+2} & \underline{+5} & \underline{+7} & \underline{+8} & \underline{+1}\end{array}$
$\qquad$ Set K $[6+2,2+6,9+9]$ Practice on facts through Set $\mathbf{K}$

$$
\begin{array}{rrrrrrrrrr}
6 & 1 & 7 & 2 & 3 & 9 & 6 & 5 & 8 & 2 \\
+2 & \underline{+1} & \underline{+7} & \underline{+6} & \underline{+1} & \underline{+9} & \underline{+6} & \underline{+2} & \underline{+8} & \underline{+4} \\
\hline 2 & 4 & 8 & 2 & 6 & 5 & 5 & 9 & 1 & 4 \\
+6 & \underline{+2} & \underline{+8} & \underline{+5} & \underline{+2} & \underline{+5} & \underline{+2} & \underline{+9} & \underline{+2} & \underline{+4}
\end{array}
$$

$$
\begin{array}{rrrrrrrrrr}
9 & 6 & 2 & 5 & 7 & 2 & 3 & 2 & 4 & 8 \\
+9 & \underline{+2} & \underline{+4} & \underline{+2} & +7 & +6 & \underline{+3} & \underline{+5} & \underline{+1} & \underline{+8}
\end{array}
$$

$$
\begin{array}{rrrrrrrrrr}
2 & 2 & 2 & 4 & 9 & 6 & 1 & 1 & 0 & 6 \\
+5 & \underline{+2} & \underline{+6} & +\underline{+2} & +9 & \underline{+2} & \underline{+5} & \underline{+7} & \underline{+8} & \underline{+1}
\end{array}
$$

Set $\mathrm{K}[6+2,2+6,9+9]$ Practice on facts through Set $\mathbf{K}$

| 6 | 1 | 7 | 2 | 3 | 9 | 6 | 5 | 8 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +2 | +1 | +7 | +6 | +1 | $\pm 9$ | $\pm 6$ | +2 | $\pm 8$ | +4 |
| 8 | 2 | 14 | 8 | 4 | 18 | 12 | 7 | 16 | 6 |

$\begin{array}{llllllllll}2 & 4 & 8 & 2 & 6 & 5 & 5 & 9 & 1 & 4\end{array}$ $\pm 6 \quad \pm 2 \quad \pm 8 \quad \pm 5 \quad \pm 2 \quad \pm 5 \quad \pm 2 \quad \pm 9 \quad \pm 2 \quad \pm 4$ $\begin{array}{llllllllll}8 & 6 & 16 & 7 & 8 & 10 & 7 & 18 & 3 & 8\end{array}$ $\begin{array}{rrrrrrrrrr}9 & 6 & 2 & 5 & 7 & 2 & 3 & 2 & 4 & 8 \\ +9 & \pm 2 & \pm 4 & \pm 2 & \pm 7 & \pm 6 & \pm 3 & \pm 5 & \pm 1 & \pm 8\end{array}$ $\begin{array}{llllllllll}18 & 8 & 6 & 7 & 14 & 8 & 6 & 7 & 5 & 16\end{array}$ $\begin{array}{rrrrrrcccr}2 & 2 & 2 & 4 & 9 & 6 & 1 & 1 & 0 & 6 \\ \pm 5 & \pm 2 & \pm 6 & \pm 2 & +9 & +2 & \pm 5 & \pm 7 & \pm 8 & +1 \\ 7 & 4 & 8 & 6 & 18 & 8 & 6 & 8 & 8 & 7\end{array}$

Set $\mathrm{K}(6+2,2+6,9+9]$ Practice on facts through Set $\mathbf{K}$

| 6 | 1 | 7 | 2 | 3 | 9 | 6 | 5 | 8 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +2 | +1 | +7 | +6 | +1 | $\pm 9$ | $\pm 6$ | $\pm 2$ | $\pm 8$ | +4 |
| 8 | 2 | 14 | 8 | 4 | 18 | 12 | 7 | 16 | 6 |

$\begin{array}{llllllllll}2 & 4 & 8 & 2 & 6 & 5 & 5 & 9 & 1 & 4\end{array}$
$\pm 6 \pm 2 \pm 8 \quad \pm 5 \quad \pm 2 \pm 5 \quad \pm 2 \pm 9 \quad \pm 2 \pm 4$ $\begin{array}{llllllllll}8 & 6 & 16 & 7 & 8 & 10 & 7 & 18 & 3 & 8\end{array}$
$\begin{array}{rrrrrrrrrr}9 & 6 & 2 & 5 & 7 & 2 & 3 & 2 & 4 & 8 \\ +9 & \pm 2 & \pm 4 & \pm 2 & \pm 7 & \pm 6 & \pm 3 & \pm 5 & \pm 1 & \pm 8\end{array}$ $\begin{array}{llllllllll}18 & 8 & 6 & 7 & 14 & 8 & 6 & 7 & 5 & 16\end{array}$
$\begin{array}{rrrrrrrrrr}2 & 2 & 2 & 4 & 9 & 6 & 1 & 1 & 0 & 6 \\ \pm 5 & \pm 2 & \pm 6 & \pm 2 & \pm 9 & +2 & \pm 5 & \pm 7 & \pm 8 & +1\end{array}$

| 7 | 4 | 8 | 6 | 18 | 8 | 6 | 8 | 8 | 7 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

$\qquad$

Set $L[7+2,2+7,4+7,7+4] \quad$ Practice on facts through Set $\mathbf{L}$

| 4 | 4 | 7 | 2 | 7 | 9 | 6 | 5 | 6 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +7 | $\underline{+4}$ | $\underline{+2}$ | $\underline{+6}$ | $\underline{4}$ | $\underline{+9}$ | $\underline{+6}$ | $\underline{+2}$ | $\underline{+2}$ | $\underline{+7}$ |

$\begin{array}{rrrrrrrrrr}2 & 8 & 4 & 2 & 7 & 5 & 6 & 7 & 1 & 3 \\ +7 & \underline{+8} & \underline{+7} & \underline{+5} & \underline{+2} & +5 & \underline{+2} & \underline{+4} & \underline{+2} & \underline{+3}\end{array}$
$\begin{array}{rrrrrrrrrr}9 & 7 & 1 & 4 & 7 & 2 & 5 & 2 & 7 & 8 \\ +\underline{9} & \underline{+2} & \underline{+4} & \underline{+7} & \underline{+7} & \underline{+7} & \underline{+2} & \underline{+6} & \underline{+4} & \underline{+8}\end{array}$

| 2 | 2 | 4 | 7 | 9 | 6 | 2 | 7 | 0 | 5 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +7 | $\underline{+6}$ | $\underline{+7}$ | $\underline{+2}$ | $\underline{+9}$ | $\underline{+2}$ | $\underline{+5}$ | $\underline{+4}$ | $\underline{+7}$ | $\underline{+1}$ |

Name $\qquad$

Set $L[7+2,2+7,4+7,7+4] \quad$ Practice on facts through Set $\mathbf{L}$
$\begin{array}{rrrrrrrrrr}4 & 4 & 7 & 2 & 7 & 9 & 6 & 5 & 6 & 2 \\ +7 & \underline{+4} & \underline{+2} & \underline{+6} & \underline{+4} & \underline{+9} & \underline{+6} & \underline{+2} & \underline{+2} & \underline{+7}\end{array}$
$\begin{array}{rrrrrrrrrr}2 & 8 & 4 & 2 & 7 & 5 & 6 & 7 & 1 & 3 \\ +7 & \underline{+8} & \underline{+7} & \underline{+5} & \underline{+2} & +5 & \underline{+2} & \underline{+4} & \underline{+2} & \underline{+3}\end{array}$
$\begin{array}{rrrrrrrrrr}9 & 7 & 1 & 4 & 7 & 2 & 5 & 2 & 7 & 8 \\ \underline{+9} & \underline{+2} & \underline{+4} & \underline{+7} & \underline{+7} & \underline{+7} & \underline{+2} & \underline{+6} & \underline{+4} & \underline{+8}\end{array}$
$\begin{array}{rrrrrrrrrr}2 & 2 & 4 & 7 & 9 & 6 & 2 & 7 & 0 & 5 \\ +7 & \underline{+6} & \underline{+7} & \underline{+2} & \underline{+9} & \underline{+2} & \underline{+5} & \underline{+4} & \underline{+7} & \underline{+1}\end{array}$

Set $\mathrm{L}[7+2,2 \div 7,4+7,7+4]$ Practice on facts through Set $\mathbf{L}$

| 4 | 4 | 7 | 2 | 7 | 9 | 6 | 5 | 6 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+7}{11}$ | $\frac{+4}{8}$ | $\frac{+2}{9}$ | $\frac{+6}{8}$ | $\frac{+4}{11}$ | $\frac{+9}{18}$ | $\frac{+6}{12}$ | $\frac{+2}{7}$ | $\frac{+2}{8}$ | $\frac{+7}{9}$ |
| 2 | 8 | 4 | 2 | 7 | 5 | 6 | 7 | 1 | 3 |
| $\frac{+7}{9}$ | $\frac{+8}{16}$ | $\frac{+7}{11}$ | $\frac{+5}{7}$ | $\frac{+2}{9}$ | $\frac{+5}{10}$ | $\frac{+2}{8}$ | $\frac{+4}{11}$ | $\frac{+2}{3}$ | $\frac{+3}{6}$ |
| 9 | 7 | 1 | 4 | 7 | 2 | 5 | 2 | 7 | 8 |
| $\frac{+9}{18}$ | $\frac{+2}{9}$ | $\frac{+4}{5}$ | $\frac{+7}{11}$ | $\frac{+7}{14}$ | $\frac{+7}{9}$ | $\frac{+2}{7}$ | $\frac{+6}{8}$ | $\frac{+4}{11}$ | $\frac{+8}{16}$ |
| 2 | 2 | 4 | 7 | 9 | 6 | 2 | 7 | 0 | 5 |
| $\frac{+7}{9}$ | $\frac{+6}{8}$ | $\frac{+7}{11}$ | $\frac{+2}{9}$ | $\frac{+9}{18}$ | $\frac{+2}{8}$ | $\frac{+5}{7}$ | $\frac{+4}{11}$ | $\frac{+7}{7}$ | $\frac{+1}{6}$ |

Set $\mathrm{L}[7+2,2 \div 7,4+7,7+4]$ Practice on facts through Set Les
$\begin{array}{rrrrrrrrrr}4 & 4 & 7 & 2 & 7 & 9 & 6 & 5 & 6 & 2 \\ +11 & \frac{+4}{8} & \frac{+2}{9} & \frac{+6}{8} & \frac{+4}{11} & \frac{+9}{18} & \frac{+6}{12} & \frac{+2}{7} & \frac{+2}{8} & \frac{+7}{9}\end{array}$

| 2 | 8 | 4 | 2 | 7 | 5 | 6 | 7 | 1 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+7}{9}$ | $\frac{+8}{16}$ | $\frac{+7}{11}$ | $\frac{+5}{7}$ | $\frac{+2}{9}$ | $\frac{+5}{10}$ | $\frac{+2}{8}$ | $\frac{+4}{11}$ | $\frac{+2}{3}$ | $\frac{+3}{6}$ |


| 9 | 7 | 1 | 4 | 7 | 2 | 5 | 2 | 7 | 8 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+9}{18}$ | $\frac{+2}{9}$ | $\frac{+4}{5}$ | $\frac{+7}{11}$ | $\frac{+7}{14}$ | $\frac{+7}{9}$ | $\frac{+2}{7}$ | $\frac{+6}{8}$ | $\frac{+4}{11}$ | $\frac{+8}{16}$ |


| 2 | 2 | 4 | 7 | 9 | 6 | 2 | 7 | 0 | 5 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+7}{9}$ | $\frac{+6}{8}$ | $\frac{+7}{11}$ | $\frac{+2}{9}$ | $\frac{+9}{18}$ | $\frac{+2}{8}$ | $\frac{+5}{7}$ | $\frac{+4}{11}$ | $\frac{+7}{7}$ | $\frac{+1}{6}$ |

$\qquad$

Set M $[8+2,2+8,8+6,6+8]$ Practice on facts through Set M

$$
\begin{array}{rrrrrrrrrr}
8 & 2 & 7 & 2 & 4 & 9 & 8 & 7 & 8 & 2 \\
+2 & \underline{+6} & +2 & \underline{+8} & +7 & \underline{+9} & \underline{+6} & \underline{+4} & \underline{+8} & \underline{+7} \\
\hline 7 & 2 & 7 & 8 & 2 & 5 & 8 & 9 & 7 & 6 \\
+4 & +8 & +7 & +2 & \underline{+7} & \underline{+5} & \underline{+6} & \underline{+9} & \underline{+2} & +2
\end{array}
$$

$$
\begin{array}{rrrrrrrrrr}
4 & 8 & 2 & 8 & 7 & 2 & 3 & 2 & 7 & 6 \\
+7 & \underline{+2} & \underline{+6} & \underline{+6} & \underline{+4} & \underline{+8} & \underline{+3} & \underline{+5} & \underline{+2} & \underline{+6}
\end{array}
$$

$$
\begin{array}{rrrrrrrrrr}
2 & 2 & 2 & 4 & 8 & 6 & 1 & 8 & 9 & 7 \\
+8 & \underline{+4} & +7 & \underline{+7} & \underline{+2} & \underline{+2} & \underline{+5} & \underline{+6} & \underline{+1} & \underline{+4}
\end{array}
$$

Mastering Math Facts - Addition
A-17 Name $\qquad$

Set M $[8+2,2+8,8+6,6+8]$ Practice on facts through Set MI

| 8 | 2 | 7 | 2 | 4 | 9 | 8 | 7 | 8 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +2 | $\underline{+6}$ | $\underline{+2}$ | $\underline{+8}$ | +7 | $\underline{+9}$ | $\underline{+6}$ | $\underline{+4}$ | $\underline{+8}$ | $\underline{+7}$ |


| 7 | 2 | 7 | 8 | 2 | 5 | 8 | 9 | 7 | 6 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +4 | $\underline{+8}$ | +7 | +2 | $\underline{+7}$ | $\underline{+5}$ | $\underline{+6}$ | $\underline{+9}$ | $\underline{+2}$ | $\underline{+2}$ |


| 4 | 8 | 2 | 8 | 7 | 2 | 3 | 2 | 7 | 6 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +7 | $\underline{+2}$ | $\underline{+6}$ | $\underline{+6}$ | $+\underline{4}$ | $\underline{+8}$ | $\underline{+3}$ | $\underline{+5}$ | $\underline{+2}$ | $\underline{+6}$ |


| 2 | 2 | 2 | 4 | 8 | 6 | 1 | 8 | 9 | 7 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +8 | +4 | $\underline{+7}$ | +7 | +2 | +2 | $\underline{+5}$ | $\underline{+6}$ | $\underline{+1}$ | $\underline{+4}$ |

Set $\mathbf{M}[8+2,2+8,8+6,6+8]$ Practice on facts through Set $\mathbf{M}$

| 8 | 2 | 7 | 2 | 4 | 9 | 8 | 7 | 8 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +2 | $\frac{+6}{10}$ | $\frac{+2}{8}$ | $\frac{+8}{9}$ | $\frac{+7}{10}$ | $\frac{+9}{11}$ | $\frac{+6}{18}$ | $\frac{+4}{14}$ | $\frac{+8}{11}$ | $\frac{+7}{16}$ |
| 9 |  |  |  |  |  |  |  |  |  |


| 7 | 2 | 7 | 8 | 2 | 5 | 8 | 9 | 7 | 6 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +4 | +8 | +7 | +2 | $\frac{+7}{10}$ | $\frac{+5}{10}$ | $\frac{+6}{14}$ | $\frac{+9}{18}$ | $\frac{+2}{9}$ | $\frac{+2}{8}$ |
| 11 | 10 | 10 | 14 | 9 | 8 |  |  |  |  |


| 4 | 8 | 2 | 8 | 7 | 2 | 3 | 2 | 7 | 6 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +7 | +2 | +6 | +6 | +4 | +8 | +3 | +5 | +2 | +6 |
| 11 | 10 | 8 | 14 | 11 | 10 | 6 | 7 | 9 | 12 |

$\begin{array}{rrrrrrrrrr}2 & 2 & 2 & 4 & 8 & 6 & 1 & 8 & 9 & 7 \\ +\frac{+8}{10} & \frac{+4}{6} & \frac{+7}{9} & \frac{+7}{11} & \frac{+2}{10} & \frac{+2}{8} & \frac{+5}{6} & \frac{+6}{14} & \frac{+1}{10} & \frac{+4}{11}\end{array}$

Set $M[8+2,2+8,8+6,6+8]$ Practice on facts through Set $\mathbf{M}$

| 8 | 2 | 7 | 2 | 4 | 9 | 8 | 7 | 8 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $+\frac{+2}{10}$ | $\frac{+6}{8}$ | $\frac{+2}{9}$ | $\frac{+8}{10}$ | $\frac{+7}{11}$ | $\frac{+9}{18}$ | $\frac{+6}{14}$ | $\frac{+4}{11}$ | $\frac{+8}{16}$ | $\frac{+7}{9}$ |


| 7 | 2 | 7 | 8 | 2 | 5 | 8 | 9 | 7 | 6 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +4 | +8 | +7 | +2 | +7 | +5 | +6 | +9 | +2 | +2 | $\begin{array}{llllllllll}11 & 10 & 14 & 10 & 9 & 10 & 14 & 18 & 9 & 8\end{array}$ $\begin{array}{rrrrrrrrrr}4 & 8 & 2 & 8 & 7 & 2 & 3 & 2 & 7 & 6 \\ +7 & +2 & +6 & +6 & +4 & +8 & \frac{+3}{14} & \frac{+5}{11} & \frac{+2}{10} & \frac{+6}{12}\end{array}$ $\begin{array}{rrrrrrrrrr}2 & 2 & 2 & 4 & 8 & 6 & 1 & 8 & 9 & 7 \\ +8 & \frac{+4}{10} & \frac{+7}{9} & \frac{+7}{11} & \frac{+2}{10} & \frac{+2}{8} & \frac{+5}{6} & \frac{+6}{14} & \frac{+1}{10} & \frac{+4}{11}\end{array}$

$\qquad$

Set $\mathbf{N}[9+2,2+9,9+6,6+9]$ Practice on facts through Set $\mathbf{N}$

| 9 | 2 | 7 | 2 | 8 | 9 | 6 | 8 | 6 | 7 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\underline{+6}$ | $\underline{+8}$ | $\underline{+7}$ | $\underline{+9}$ | $\underline{+6}$ | $\underline{+2}$ | $\underline{+9}$ | $\underline{+2}$ | $\underline{+8}$ | $\underline{+4}$ |
| 2 | 8 | 9 | 6 | 6 | 8 | 4 | 9 | 6 | 3 |
| $\underline{+9}$ | $\underline{+2}$ | $\underline{+2}$ | $\underline{+8}$ | $\underline{+9}$ | $\underline{+6}$ | $\underline{+7}$ | $\underline{+6}$ | $\underline{+6}$ | $\underline{+3}$ |
| 9 | 6 | 2 | 8 | 2 | 8 | 9 | 7 | 4 | 8 |
| $\underline{+2}$ | $\underline{+9}$ | $\underline{+8}$ | $\underline{+2}$ | $\underline{+9}$ | $\underline{+6}$ | $\underline{+6}$ | $\underline{+4}$ | $\underline{+4}$ | $\underline{+0}$ |
| 6 | 4 | 2 | 6 | 9 | 9 | 8 | 9 | 1 | 2 |
| $\underline{+9}$ | $\underline{+7}$ | $\underline{+9}$ | $\underline{+8}$ | $\underline{+9}$ | $\underline{+6}$ | $\underline{+2}$ | $\underline{+2}$ | $\underline{+7}$ | $\underline{+8}$ |

$\qquad$

Set $\mathbf{N}[9+2,2+9,9+6,6+9]$ Practice on facts through Set $\mathbf{N}$

| 9 | 2 | 7 | 2 | 8 | 9 | 6 | 8 | 6 | 7 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +6 | +8 | +7 | +9 | +6 | +2 | +9 | +2 | +8 | +4 |
| 2 | 8 | 9 | 6 | 6 | 8 | 4 | 9 | 6 | 3 |
| +9 | +2 | +2 | +8 | +9 | +6 | +7 | +6 | +6 | +3 |
| 9 | 6 | 2 | 8 | 2 | 8 | 9 | 7 | 4 | 8 |
| +2 | +9 | +8 | +2 | +9 | +6 | +6 | +4 | +4 | +0 |
| 6 | 4 | 2 | 6 | 9 | 9 | 8 | 9 | 1 | 2 |
| +9 | +7 | +9 | +8 | +9 | +6 | +2 | +2 | +7 | +8 |

Set N $[9+2,2+9,9+6,6+9] \quad$ Practice on facts through Set N

| 9 | 2 | 7 | 2 | 8 | 9 | 6 | 8 | 6 | 7 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+6}{15}$ | $\frac{+8}{10}$ | $\frac{+7}{14}$ | $\frac{+9}{11}$ | $\frac{+6}{14}$ | $\frac{+2}{11}$ | $\frac{+9}{15}$ | $\frac{+2}{10}$ | $\frac{+8}{14}$ | $\frac{+4}{11}$ |


| 2 | 8 | 9 | 6 | 6 | 8 | 4 | 9 | 6 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +9 | $\frac{+2}{10}$ | $\frac{+2}{11}$ | $\frac{+8}{14}$ | $\frac{+9}{15}$ | $\frac{+6}{14}$ | $\frac{+7}{11}$ | $\frac{+6}{15}$ | $\frac{+6}{12}$ | $\frac{+3}{6}$ |

$\begin{array}{rrrrrrrrrrr}9 & 6 & 2 & 8 & 2 & 8 & 9 & 7 & 4 & 8 \\ +2 & \frac{+9}{11} & \frac{+8}{10} & \frac{+2}{10} & \frac{+9}{11} & \frac{+6}{14} & \frac{+6}{15} & \frac{+4}{11} & \frac{+4}{8} & \frac{+0}{8}\end{array}$
$\begin{array}{rrrrrrrrrrr}6 & 4 & 2 & 6 & 9 & 9 & 8 & 9 & 1 & 2 \\ \frac{+9}{15} & \frac{+7}{11} & \frac{+9}{11} & \frac{+8}{14} & \frac{+9}{18} & \frac{+6}{15} & \frac{+2}{10} & \frac{+2}{11} & \frac{+7}{8} & \frac{+8}{10}\end{array}$

Set $N[9+2,2+9,9+6,6+9] \quad$ Practice on facts through Set $\mathbf{N}$

| 9 | 2 | 7 | 2 | 8 | 9 | 6 | 8 | 6 | 7 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+6}{15}$ | $\frac{+8}{10}$ | $\frac{+7}{14}$ | $\frac{+9}{11}$ | $\frac{+6}{14}$ | $\frac{+2}{11}$ | $\frac{+9}{15}$ | $\frac{+2}{10}$ | $\frac{+8}{14}$ | $\frac{+4}{11}$ |


| 2 | 8 | 9 | 6 | 6 | 8 | 4 | 9 | 6 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +9 | $\frac{+2}{11}$ | $\frac{+2}{11}$ | $\frac{+8}{14}$ | $\frac{+9}{15}$ | $\frac{+6}{14}$ | $\frac{+7}{11}$ | $\frac{+6}{15}$ | $\frac{+6}{12}$ | $\frac{+3}{6}$ |


| 9 | 6 | 2 | 8 | 2 | 8 | 9 | 7 | 4 | 8 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +2 |  |  |  |  |  |  |  |  |  |
| 11 | $\frac{+9}{15}$ | $\frac{+8}{10}$ | $\frac{+2}{10}$ | $\frac{+9}{11}$ | $\frac{+6}{14}$ | $\frac{+6}{15}$ | $\frac{+4}{11}$ | $\frac{+4}{8}$ | $\frac{+0}{8}$ |


| 6 | 4 | 2 | 6 | 9 | 9 | 8 | 9 | 1 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +9 | $\frac{+7}{11}$ | $\frac{+9}{11}$ | $\frac{+8}{14}$ | $\frac{+9}{18}$ | $\frac{+6}{15}$ | $\frac{+2}{10}$ | $\frac{+2}{11}$ | $\frac{+7}{8}$ | $\frac{+8}{10}$ |

$\qquad$

Set $O[4+3,3+4,6+7,7+6]$ Practice on facts through Set $O$

| 4 | 7 | 6 | 2 | 3 | 9 | 6 | 7 | 8 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +3 | $\underline{+4}$ | $\underline{+7}$ | $\underline{+8}$ | $\underline{+4}$ | $\underline{+2}$ | $\underline{+9}$ | $\underline{+6}$ | $\underline{+6}$ | $\underline{+9}$ |
| 6 | 6 | 9 | 4 | 9 | 8 | 7 | 2 | 6 | 3 |
| +7 | $\underline{+8}$ | $\underline{+6}$ | $\underline{+3}$ | $\underline{+2}$ | $\underline{+2}$ | $\underline{+6}$ | $\underline{+9}$ | $\underline{+9}$ | $\underline{+4}$ |
| 3 | 6 | 2 | 8 | 6 | 9 | 4 | 4 | 2 | 7 |
| $\underline{+4}$ | $\underline{+9}$ | $\underline{+8}$ | $\underline{+6}$ | $\underline{+7}$ | $\underline{+6}$ | $\underline{+3}$ | $\underline{+4}$ | $\underline{+9}$ | $\underline{+6}$ |
| 9 | 4 | 9 | 7 | 8 | 6 | 3 | 2 | 9 | 6 |
| +6 | +3 | $\underline{+2}$ | $\underline{+6}$ | +2 | $\underline{+7}$ | $\underline{+4}$ | $\underline{+7}$ | $\underline{+9}$ | $\underline{+8}$ |

$\qquad$

Set $O[4+3,3+4,6+7,7+6]$ Practice on facts through Set $O$

| 4 | 7 | 6 | 2 | 3 | 9 | 6 | 7 | 8 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +3 | +4 | +7 | +8 | +4 | +2 | +9 | +6 | +6 | +9 |

$\begin{array}{rrrrrrrrrr}6 & 6 & 9 & 4 & 9 & 8 & 7 & 2 & 6 & 3 \\ +7 & \underline{+8} & \underline{+6} & +\underline{3} & \underline{+2} & \underline{+2} & \underline{+6} & \underline{+9} & \underline{+9} & \underline{+4}\end{array}$
$\begin{array}{rrrrrrrrrr}3 & 6 & 2 & 8 & 6 & 9 & 4 & 4 & 2 & 7 \\ +4 & \underline{+9} & \underline{+8} & \underline{+6} & \underline{+7} & \underline{+6} & \underline{+3} & \underline{+4} & \underline{+9} & \underline{+6}\end{array}$

| 9 | 4 | 9 | 7 | 8 | 6 | 3 | 2 | 9 | 6 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +6 | +3 | +2 | +6 | +2 | +7 | +4 | +7 | +9 | +8 |

Set O $[4+3,3+4,6+7,7+6]$ Practice on facts through Set 0

| 4 | 7 | 6 | 2 | 3 | 9 | 6 | 7 | 8 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +3 | $\frac{+4}{11}$ | $\frac{+7}{13}$ | $\frac{+8}{10}$ | $\frac{+4}{7}$ | $\frac{+2}{11}$ | $\frac{+9}{15}$ | $\frac{+6}{13}$ | $\frac{+6}{14}$ | $\frac{+9}{11}$ |


| 6 | 6 | 9 | 4 | 9 | 8 | 7 | 2 | 6 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+7}{13}$ | $\frac{+8}{14}$ | $\frac{+6}{15}$ | $\frac{+3}{7}$ | $\frac{+2}{11}$ | $\frac{+2}{10}$ | $\frac{+6}{13}$ | $\frac{+9}{11}$ | $\frac{+9}{15}$ | $\frac{+4}{7}$ |

$\begin{array}{rrrrrrrrrr}3 & 6 & 2 & 8 & 6 & 9 & 4 & 4 & 2 & 7 \\ +4 & \frac{+9}{7} & \frac{+8}{15} & \frac{+6}{10} & \frac{+7}{14} & \frac{+6}{13} & \frac{+3}{7} & \frac{+4}{\mathbf{1}} & \frac{+9}{11} & \frac{+6}{13}\end{array}$
$\begin{array}{rrrrrrrrrr}9 & 4 & 9 & 7 & 8 & 6 & 3 & 2 & 9 & 6 \\ \frac{+6}{15} & \frac{+3}{7} & \frac{+2}{11} & \frac{+6}{13} & \frac{+2}{10} & \frac{+7}{13} & \frac{+4}{7} & \frac{+7}{9} & \frac{+9}{18} & \frac{+8}{14}\end{array}$

Set O $0[4+3,3+4,6+7,7+6]$ Practice on facts through Set 0
$\begin{array}{rrrrrrrrrr}4 & 7 & 6 & 2 & 3 & 9 & 6 & 7 & 8 & 2 \\ +3 & \frac{+4}{71} & \frac{+7}{13} & \frac{+8}{10} & \frac{+4}{7} & \frac{+2}{11} & \frac{+9}{15} & \frac{+6}{13} & \frac{+6}{14} & \frac{+9}{11}\end{array}$

| 6 | 6 | 9 | 4 | 9 | 8 | 7 | 2 | 6 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+7}{13}$ | $\frac{+8}{14}$ | $\frac{+6}{15}$ | $\frac{+3}{7}$ | $\frac{+2}{11}$ | $\frac{+2}{10}$ | $\frac{+6}{13}$ | $\frac{+9}{11}$ | $\frac{+9}{15}$ | $\frac{+4}{7}$ |


| 3 | 6 | 2 | 8 | 6 | 9 | 4 | 4 | 2 | 7 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +4 | $\frac{+9}{7}$ | $\frac{+8}{15}$ | $\frac{+6}{14}$ | $\frac{+7}{13}$ | $\frac{+6}{15}$ | $\frac{+3}{7}$ | $\frac{+4}{8}$ | $\frac{+9}{11}$ | $\frac{+6}{13}$ |


| 9 | 4 | 9 | 7 | 8 | 6 | 3 | 2 | 9 | 6 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+6}{15}$ | $\frac{+3}{7}$ | $\frac{+2}{11}$ | $\frac{+6}{13}$ | $\frac{+2}{10}$ | $\frac{+7}{13}$ | $\frac{+4}{7}$ | $\frac{+7}{9}$ | $\frac{+9}{18}$ | $\frac{+8}{14}$ |

$\qquad$

Set P $[5+3,3+5,7+8,8+7]$ Practice on facts through Set $\mathbf{P}$
$\begin{array}{rrrrrrrrrr}8 & 6 & 5 & 7 & 3 & 4 & 6 & 8 & 7 & 2 \\ +7 & \underline{+9} & \underline{+3} & \underline{+6} & \underline{+5} & +3 & \underline{+7} & \underline{+6} & \underline{+8} & \underline{+9}\end{array}$
$\begin{array}{rrrrrrrrrr}3 & 4 & 8 & 5 & 6 & 9 & 7 & 9 & 7 & 3 \\ +5 & \underline{+3} & \underline{+7} & \underline{+3} & \underline{+7} & \underline{+2} & \underline{+8} & \underline{+6} & \underline{+6} & \underline{+4}\end{array}$
$\begin{array}{rrrrrrrrrr}5 & 6 & 6 & 7 & 4 & 3 & 2 & 3 & 8 & 7 \\ +3 & \underline{+9} & \underline{+7} & \underline{+8} & \underline{+3} & \underline{+5} & \underline{+9} & \underline{+4} & \underline{+7} & \underline{+4}\end{array}$

| 8 | 3 | 7 | 9 | 5 | 9 | 9 | 7 | 3 | 8 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +7 | $\underline{+5}$ | $\underline{+6}$ | $\underline{+9}$ | $\underline{+3}$ | $\underline{+2}$ | $\underline{+6}$ | $\underline{+8}$ | $\underline{+4}$ | $\underline{+8}$ |

Mastering Math Facts - Addition
A-20 Name $\qquad$

Set P $[5+3,3+5,7+8,8+7]$ Practice on facts through Set $\mathbf{P}$

$$
\begin{array}{rrrrrrrrrr}
8 & 6 & 5 & 7 & 3 & 4 & 6 & 8 & 7 & 2 \\
\underline{+7} & \underline{+9} & \underline{+3} & \underline{+6} & \underline{+5} & \underline{+3} & \underline{+7} & \underline{+6} & \underline{+8} & \underline{+9} \\
3 & 4 & 8 & 5 & 6 & 9 & 7 & 9 & 7 & 3 \\
\underline{+5} & \underline{+3} & \underline{+7} & \underline{+3} & \underline{+7} & \underline{ } 4 & \underline{+8} & \underline{+6} & \underline{+6} & \underline{+4} \\
5 & 6 & 6 & 7 & 4 & 3 & 2 & 3 & 8 & 7 \\
\underline{+3} & \underline{+9} & \underline{+7} & \underline{+8} & \underline{+3} & \underline{+5} & \underline{+9} & \underline{+4} & \underline{+7} & \underline{+4} \\
8 & 3 & 7 & 9 & 5 & 9 & 9 & 7 & 3 & 8 \\
+7 & \underline{+5} & \underline{+6} & \underline{+9} & \underline{+3} & \underline{+2} & \underline{+6} & \underline{+8} & \underline{+4} & \underline{+8}
\end{array}
$$

Set $P[S+3,3+S, 7+8,8+7]$ Practice on facts through Set $P$

| 8 | 6 | 5 | 7 | 3 | 4 | 6 | 8 | 7 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+7}{15}$ | $\frac{+9}{15}$ | $\frac{+3}{8}$ | $\frac{+6}{13}$ | $\frac{+5}{8}$ | $\frac{+3}{7}$ | $\frac{+7}{13}$ | $\frac{+6}{14}$ | $\frac{+8}{15}$ | $\frac{+9}{11}$ |


| 3 | 4 | 8 | 5 | 6 | 9 | 7 | 9 | 7 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+5}{8}$ | $\frac{+3}{7}$ | $\frac{+7}{15}$ | $\frac{+3}{8}$ | $\frac{+7}{13}$ | $\frac{+2}{11}$ | $\frac{+8}{15}$ | $\frac{+6}{15}$ | $\frac{+6}{13}$ | $\frac{+4}{7}$ |


| 5 | 6 | 6 | 7 | 4 | 3 | 2 | 3 | 8 | 7 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +3 | $\frac{+9}{\mathbf{8}}$ | $\frac{+7}{13}$ | $\frac{+8}{15}$ | $\frac{+3}{7}$ | $\frac{+5}{8}$ | $\frac{+9}{11}$ | $\frac{+4}{7}$ | $\frac{+7}{15}$ | $\frac{+4}{11}$ |

-5 9 -
$\begin{array}{llllllllll}\frac{+7}{15} & \frac{+5}{8} & \frac{+6}{13} & \frac{+9}{18} & \frac{+3}{8} & \frac{+2}{11} & \frac{+6}{15} & \frac{+8}{15} & \frac{+4}{7} & \frac{+8}{16}\end{array}$

Set $P[S+3,3+5,7+8,8+7]$ Practice on facts through Set $P$

| 8 | 6 | 5 | 7 | 3 | 4 | 6 | 8 | 7 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+7}{15}$ | $\frac{+9}{15}$ | $\frac{+3}{8}$ | $\frac{+6}{13}$ | $\frac{+5}{8}$ | $\frac{+3}{7}$ | $\frac{+7}{13}$ | $\frac{+6}{14}$ | $\frac{+8}{15}$ | $\frac{+9}{11}$ |


| 3 | 4 | 8 | 5 | 6 | 9 | 7 | 9 | 7 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+5}{8}$ | $\frac{+3}{7}$ | $\frac{+7}{15}$ | $\frac{+3}{8}$ | $\frac{+7}{13}$ | $\frac{+2}{11}$ | $\frac{+8}{15}$ | $\frac{+6}{15}$ | $\frac{+6}{13}$ | $\frac{+4}{7}$ |


| 5 | 6 | 6 | 7 | 4 | 3 | 2 | 3 | 8 | 7 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +3 | $\frac{+9}{8}$ | $\frac{+7}{15}$ | $\frac{+8}{13}$ | $\frac{+3}{7}$ | $\frac{+5}{8}$ | $\frac{+9}{11}$ | $\frac{+4}{7}$ | $\frac{+7}{15}$ | $\frac{+4}{11}$ |


| 8 | 3 | 7 | 9 | 5 | 9 | 9 | 7 | 3 | 8 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+7}{15}$ | $\frac{+5}{8}$ | $\frac{+6}{13}$ | $\frac{+9}{18}$ | $\frac{+3}{8}$ | $\frac{+2}{11}$ | $\frac{+6}{15}$ | $\frac{+8}{15}$ | $\frac{+4}{7}$ | $\frac{+8}{16}$ |

$\qquad$

Set Q $[5+8,8+5,7+9,9+7]$ Practice on facts through Set $Q$

| 8 | 3 | 7 | 7 | 3 | 5 | 5 | 7 | 9 | 2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| +5 | $\underline{+4}$ | $\underline{+8}$ | $\underline{+9}$ | +5 | +8 | +3 | +6 | +7 | +9 |
| 5 | 4 | 9 | 8 | 6 | 8 | 7 | 6 | 7 | 3 |
| $\underline{+8}$ | $\underline{+3}$ | $\underline{+7}$ | +5 | +7 | +7 | $\underline{+9}$ | +6 | +8 | +5 |
| 7 | 3 | 7 | 9 | 5 | 8 | 2 | 7 | 8 | 5 |
| $\underline{+9}$ | $\underline{+4}$ | $\underline{+8}$ | $\underline{+7}$ | +3 | +5 | +8 | $\underline{+6}$ | +7 | $\underline{+8}$ |
| 9 | 3 | 8 | 6 | 7 | 8 | 5 | 6 | 5 | 4 |
| $\underline{+7}$ | +5 | +5 | +9 | $\underline{+9}$ | +7 | $\underline{+8}$ | +7 | +3 | +3 |

$\qquad$

Set $\mathrm{Q}[5+8,8+5,7+9,9+7]$ Practice on facts through Set

| 8 | 3 | 7 | 7 | 3 | 5 | 5 | 7 | 9 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +5 | $\underline{4}$ | $\underline{+8}$ | $\underline{+9}$ | $\underline{+5}$ | +8 | +3 | +6 | +7 | $\underline{+9}$ |


| 5 | 4 | 9 | 8 | 6 | 8 | 7 | 6 | 7 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +8 | $\underline{+3}$ | $\underline{+7}$ | $\underline{+5}$ | $\underline{+7}$ | $\underline{+7}$ | $\underline{+9}$ | $\underline{+6}$ | $\underline{+8}$ | $\underline{+5}$ |


| 7 | 3 | 7 | 9 | 5 | 8 | 2 | 7 | 8 | 5 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +9 | $\underline{4}$ | $\underline{+8}$ | $\underline{+7}$ | $\underline{+3}$ | $\underline{+5}$ | $\underline{+8}$ | $\underline{+6}$ | $\underline{+7}$ | $\underline{+8}$ |


| 9 | 3 | 8 | 6 | 7 | 8 | 5 | 6 | 5 | 4 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +7 | +5 | +5 | +9 | $\underline{+9}$ | +7 | $\underline{+8}$ | $\underline{+7}$ | $\underline{+3}$ | $\underline{+3}$ |

Set $Q[5+8,8+5,7+9,9+7]$ Practice on facts through Set
$\begin{array}{rrrrrrrrrr}8 & 3 & 7 & 7 & 3 & 5 & 5 & 7 & 9 & 2 \\ \frac{+5}{13} & \frac{+4}{7} & \frac{+8}{15} & \frac{+9}{16} & \frac{+5}{8} & \frac{+8}{13} & \frac{+3}{8} & \frac{+6}{13} & \frac{+7}{16} & \frac{+9}{11}\end{array}$

| 5 | 4 | 9 | 8 | 6 | 8 | 7 | 6 | 7 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+8}{13}$ | $\frac{+3}{7}$ | $\frac{+7}{16}$ | $\frac{+5}{13}$ | $\frac{+7}{13}$ | $\frac{+7}{15}$ | $\frac{+9}{16}$ | $\frac{+6}{12}$ | $\frac{+8}{15}$ | $\frac{+5}{8}$ |


| 7 | 3 | 7 | 9 | 5 | 8 | 2 | 7 | 8 | 5 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+9}{16}$ | $\frac{+4}{\mathbf{7}}$ | $\frac{+8}{15}$ | $\frac{+7}{\mathbf{1 6}}$ | $\frac{+3}{\mathbf{8}}$ | $\frac{+5}{13}$ | $\frac{+8}{10}$ | $\frac{+6}{13}$ | $\frac{+7}{15}$ | $\frac{+8}{\mathbf{1 3}}$ |


| 9 | 3 | 8 | 6 | 7 | 8 | 5 | 6 | 5 | 4 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +7 | $\frac{+5}{16}$ | $\frac{+5}{13}$ | $\frac{+9}{15}$ | $\frac{+9}{16}$ | $\frac{+7}{15}$ | $\frac{+8}{13}$ | $\frac{+7}{13}$ | $\frac{+3}{8}$ | $\frac{+3}{7}$ |

Set $Q[5 \div 8,8+5,7+9,9+7]$ Practice on facts through Set

| 8 | 3 | 7 | 7 | 3 | 5 | 5 | 7 | 9 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+5}{13}$ | $\frac{+4}{7}$ | $\frac{+8}{15}$ | $\frac{+9}{16}$ | $\frac{+5}{8}$ | $\frac{+8}{13}$ | $\frac{+3}{8}$ | $\frac{+6}{13}$ | $\frac{+7}{16}$ | $\frac{+9}{11}$ |


| 5 | 4 | 9 | 8 | 6 | 8 | 7 | 6 | 7 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+8}{13}$ | $\frac{+3}{7}$ | $\frac{+7}{16}$ | $\frac{+5}{13}$ | $\frac{+7}{13}$ | $\frac{+7}{15}$ | $\frac{+9}{16}$ | $\frac{+6}{12}$ | $\frac{+8}{15}$ | $\frac{+5}{8}$ |


| 7 | 3 | 7 | 9 | 5 | 8 | 2 | 7 | 8 | 5 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+9}{16}$ | $\frac{+4}{\mathbf{7}}$ | $\frac{+8}{15}$ | $\frac{+7}{16}$ | $\frac{+3}{\mathbf{8}}$ | $\frac{+5}{13}$ | $\frac{+8}{10}$ | $\frac{+6}{13}$ | $\frac{+7}{15}$ | $\frac{+8}{13}$ |


| 9 | 3 | 8 | 6 | 7 | 8 | 5 | 6 | 5 | 4 |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +7 | $\frac{+5}{16}$ | $\frac{+5}{8}$ | $\frac{+9}{13}$ | $\frac{+9}{15}$ | $\frac{+7}{16}$ | $\frac{+8}{15}$ | $\frac{+7}{13}$ | $\frac{+3}{13}$ | $\frac{+3}{8}$ | $\frac{1}{7}$ |

$\qquad$

Set R $[6+3,3+6,5+9,9+5] \quad$ Practice on facts through Set $\mathbf{R}$

| 8 | 6 | 5 | 7 | 3 | 9 | 3 | 9 | 5 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +7 | $\underline{+3}$ | $\underline{+9}$ | $\underline{+9}$ | $\underline{+5}$ | $\underline{+7}$ | $\underline{+6}$ | $\underline{+5}$ | $\underline{+8}$ | $\underline{+9}$ |

$\begin{array}{rrrrrrrrrr}3 & 9 & 9 & 5 & 6 & 4 & 7 & 5 & 8 & 7 \\ +6 & \underline{+7} & \underline{+5} & \underline{+3} & +3 & \underline{+7} & \underline{+9} & \underline{+9} & \underline{+5} & \underline{+8}\end{array}$
$\begin{array}{rrrrrrrrrr}5 & 8 & 6 & 5 & 7 & 8 & 3 & 3 & 9 & 3 \\ +9 & \underline{+7} & \underline{+3} & \underline{+8} & \underline{+9} & \underline{+5} & \underline{+6} & \underline{+5} & \underline{+5} & \underline{+4}\end{array}$
$\begin{array}{rrrrrrrrrr}9 & 5 & 8 & 9 & 6 & 5 & 5 & 7 & 7 & 3 \\ +7 & \underline{+9} & \underline{+5} & \underline{+5} & +3 & \underline{+3} & \underline{+8} & \underline{+8} & \underline{+7} & \underline{+6}\end{array}$

Mastering Math Facts - Addition
A-22 Name $\qquad$

Set R $[6+3,3+6,5+9,9+5] \quad$ Practice on facts through Set $\mathbf{R}$

| 8 | 6 | 5 | 7 | 3 | 9 | 3 | 9 | 5 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\underline{+7}$ | $\underline{+3}$ | $\underline{+9}$ | $\underline{+9}$ | $\underline{+5}$ | $\underline{+7}$ | $\underline{+6}$ | $\underline{+5}$ | $\underline{+8}$ | $\underline{+9}$ |
| 3 | 9 | 9 | 5 | 6 | 4 | 7 | 5 | 8 | 7 |
| $\underline{+6}$ | $\underline{+7}$ | $\underline{+5}$ | $\underline{+3}$ | $\underline{+3}$ | $\underline{+7}$ | $\underline{+9}$ | $\underline{+9}$ | $\underline{+5}$ | $\underline{+8}$ |
| 5 | 8 | 6 | 5 | 7 | 8 | 3 | 3 | 9 | 3 |
| $\underline{+9}$ | $\underline{+7}$ | $\underline{+3}$ | $\underline{+8}$ | $\underline{+9}$ | $\underline{+5}$ | $\underline{+6}$ | $\underline{+5}$ | $\underline{+5}$ | $\underline{+4}$ |
| 9 | 5 | 8 | 9 | 6 | 5 | 5 | 7 | 7 | 3 |
| +7 | $\underline{+9}$ | $\underline{+5}$ | $\underline{+5}$ | $\underline{+3}$ | $\underline{+3}$ | $\underline{+8}$ | $\underline{+8}$ | $\underline{+7}$ | $\underline{+6}$ |

Set $[6+3,3+6,5+9,9+5]$ Practice on facts through Set $R$
$\begin{array}{rrrrrrrrrr}8 & 6 & 5 & 7 & 3 & 9 & 3 & 9 & 5 & 2 \\ +7 & \frac{+3}{9} & \frac{+9}{14} & \frac{+9}{16} & \frac{+5}{8} & \frac{+7}{16} & \frac{+6}{9} & \frac{+5}{14} & \frac{+8}{13} & \frac{+9}{11}\end{array}$
$\begin{array}{rrrrrrrrrr}3 & 9 & 9 & 5 & 6 & 4 & 7 & 5 & 8 & 7 \\ +\frac{+6}{9} & \frac{+7}{16} & \frac{+5}{14} & \frac{+3}{8} & \frac{+3}{9} & \frac{+7}{11} & \frac{+9}{16} & \frac{+9}{14} & \frac{+5}{13} & \frac{+8}{15}\end{array}$

| 5 | 8 | 6 | 5 | 7 | 8 | 3 | 3 | 9 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+9}{14}$ | $\frac{+7}{15}$ | $\frac{+3}{9}$ | $\frac{+8}{13}$ | $\frac{+9}{16}$ | $\frac{+5}{13}$ | $\frac{+6}{9}$ | $\frac{+5}{8}$ | $\frac{+5}{14}$ | $\frac{+4}{7}$ |
| 9 | 5 | 8 | 9 | 6 | 5 | 5 | 7 | 7 | 3 |
| $\frac{+7}{16}$ | $\frac{+9}{14}$ | $\frac{+5}{13}$ | $\frac{+5}{14}$ | $\frac{+3}{9}$ | $\frac{+3}{8}$ | $\frac{+8}{13}$ | $\frac{+8}{15}$ | $\frac{+7}{14}$ | $\frac{+6}{9}$ |

Set $[6+3,3+6,5+9,9+5]$ Practice on facts through Set $R$

| 8 | 6 | 5 | 7 | 3 | 9 | 3 | 9 | 5 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +7 | $\frac{+3}{15}$ | $\frac{+9}{14}$ | $\frac{+9}{16}$ | $\frac{+5}{8}$ | $\frac{+7}{16}$ | $\frac{+6}{9}$ | $\frac{+5}{14}$ | $\frac{+8}{13}$ | $\frac{+9}{11}$ |


| 3 | 9 | 9 | 5 | 6 | 4 | 7 | 5 | 8 | 7 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $+\frac{+6}{9}$ | $\frac{+7}{16}$ | $\frac{+5}{14}$ | $\frac{+3}{8}$ | $\frac{+3}{9}$ | $\frac{+7}{11}$ | $\frac{+9}{16}$ | $\frac{+9}{14}$ | $\frac{+5}{13}$ | $\frac{+8}{15}$ |

$\begin{array}{rrrrrrrrrr}5 & 8 & 6 & 5 & 7 & 8 & 3 & 3 & 9 & 3 \\ \frac{+9}{14} & \frac{+7}{15} & \frac{+3}{9} & \frac{+8}{13} & \frac{+9}{16} & \frac{+5}{13} & \frac{+6}{9} & \frac{+5}{8} & \frac{+5}{14} & \frac{+4}{7}\end{array}$
$\begin{array}{rrrrrrrrrrr}9 & 5 & 8 & 9 & 6 & 5 & 5 & 7 & 7 & 3 \\ +16 & \frac{+9}{14} & \frac{+5}{13} & \frac{+5}{14} & \frac{+3}{9} & \frac{+3}{8} & \frac{+8}{13} & \frac{+8}{15} & \frac{+7}{14} & \frac{+6}{9}\end{array}$
$\qquad$

Set $S[7+3,3+7,8+9,9+8]$ Practice on facts through Set $\mathbf{S}$

| 8 | 7 | 7 | 7 | 9 | 6 | 3 | 8 | 5 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +9 | $\underline{+8}$ | $\underline{+3}$ | $\underline{9}$ | $\underline{+5}$ | $\underline{+3}$ | $\underline{+7}$ | $\underline{+6}$ | $\underline{+9}$ | $\underline{+6}$ |


| 8 | 7 | 8 | 5 | 6 | 7 | 9 | 9 | 3 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +5 | $\underline{+3}$ | $\underline{+9}$ | $\underline{+9}$ | $\underline{+3}$ | $\underline{+3}$ | $\underline{+7}$ | $\underline{+5}$ | $\underline{+6}$ | $\underline{+5}$ |


| 8 | 6 | 9 | 7 | 8 | 5 | 6 | 7 | 7 | 7 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +9 | $\underline{+7}$ | $\underline{+5}$ | $\underline{+3}$ | $\underline{+5}$ | $\underline{+8}$ | $\underline{+3}$ | $\underline{+9}$ | $\underline{+3}$ | $\underline{+4}$ |


| 7 | 9 | 3 | 8 | 7 | 5 | 9 | 5 | 3 | 8 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +3 | $\underline{+7}$ | $\underline{+6}$ | $\underline{+9}$ | $\underline{+3}$ | $\underline{+9}$ | $\underline{+6}$ | $\underline{+8}$ | $\underline{+4}$ | $\underline{+8}$ |

A-23 Name $\qquad$

Set $\mathbf{S}[7+3,3+7,8+9,9+8] \quad$ Practice on facts through Set $\mathbf{S}$

| 8 | 7 | 7 | 7 | 9 | 6 | 3 | 8 | 5 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +9 | $\underline{+8}$ | $\underline{+3}$ | $\underline{+9}$ | $\underline{+5}$ | $\underline{+3}$ | $\underline{+7}$ | $\underline{+6}$ | $\underline{+9}$ | $\underline{+6}$ |


| 8 | 7 | 8 | 5 | 6 | 7 | 9 | 9 | 3 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +5 | $\underline{+3}$ | +9 | $\underline{+9}$ | $\underline{+3}$ | $\underline{+3}$ | $\underline{+7}$ | $\underline{+5}$ | $\underline{+6}$ | $\underline{+5}$ |


| 8 | 6 | 9 | 7 | 8 | 5 | 6 | 7 | 7 | 7 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +9 | $\underline{+7}$ | $\underline{+5}$ | $\underline{+3}$ | $\underline{+5}$ | $\underline{+8}$ | $\underline{+3}$ | $\underline{+9}$ | $\underline{+3}$ | $\underline{+4}$ |


| 7 | 9 | 3 | 8 | 7 | 5 | 9 | 5 | 3 | 8 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

$\underline{+3}+7 \quad \underline{+6} \quad \underline{+9} \quad \underline{+3} \quad \underline{+9} \quad \underline{+6} \quad \underline{+8} \quad \underline{+4} \quad \underline{+8}$

Set $\mathrm{S}[7+3,3+7,8+9,9+8] \quad$ Practice on facts through Set $\mathbf{S}$
$\begin{array}{llllllllll}8 & 7 & 7 & 7 & 9 & 6 & 3 & 8 & 5 & 3\end{array}$
$\begin{array}{llllllllll}\frac{+9}{17} & \frac{+8}{15} & \frac{+3}{10} & \frac{+9}{16} & \frac{+5}{14} & \frac{+3}{9} & \frac{+7}{10} & \frac{+6}{14} & \frac{+9}{14} & \frac{+6}{9}\end{array}$

| 8 | 7 | 8 | 5 | 6 | 7 | 9 | 9 | 3 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +5 | $\frac{+3}{10}$ | $\frac{+9}{17}$ | $\frac{+9}{14}$ | $\frac{+3}{9}$ | $\frac{+3}{10}$ | $\frac{+7}{16}$ | $\frac{+5}{14}$ | $\frac{+6}{9}$ | $\frac{+5}{8}$ |


| 8 | 6 | 9 | 7 | 8 | 5 | 6 | 7 | 7 | 7 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+9}{17}$ | $\frac{+7}{13}$ | $\frac{+5}{14}$ | $\frac{+3}{10}$ | $\frac{+5}{13}$ | $\frac{+8}{13}$ | $\frac{+3}{9}$ | $\frac{+9}{16}$ | $\frac{+3}{10}$ | $\frac{+4}{11}$ |


| 7 | 9 | 3 | 8 | 7 | 5 | 9 | 5 | 3 | 8 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+3}{10}$ | $\frac{+7}{16}$ | $\frac{+6}{9}$ | $\frac{+9}{17}$ | $\frac{+3}{10}$ | $\frac{+9}{14}$ | $\frac{+6}{15}$ | $\frac{+8}{13}$ | $\frac{+4}{\mathbf{7}}$ | $\frac{+8}{16}$ |

Set $S[7+3,3+7,8+9,9+8] \quad$ Practice on facts through Set $\mathbf{S}$

| 8 | 7 | 7 | 7 | 9 | 6 | 3 | 8 | 5 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+9}{17}$ | $\frac{+8}{15}$ | $\frac{+3}{10}$ | $\frac{+9}{16}$ | $\frac{+5}{14}$ | $\frac{+3}{9}$ | $\frac{+7}{10}$ | $\frac{+6}{14}$ | $\frac{+9}{14}$ | $\frac{+6}{9}$ |


| 8 | 7 | 8 | 5 | 6 | 7 | 9 | 9 | 3 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+5}{13}$ | $\frac{+3}{10}$ | $\frac{+9}{17}$ | $\frac{+9}{14}$ | $\frac{+3}{9}$ | $\frac{+3}{10}$ | $\frac{+7}{16}$ | $\frac{+5}{14}$ | $\frac{+6}{9}$ | $\frac{+5}{8}$ |

$\begin{array}{rrrrrrrrrrrr}8 & 6 & 9 & 7 & 8 & 5 & 6 & 7 & 7 & 7 \\ \frac{+9}{17} & \frac{+7}{13} & \frac{+5}{14} & \frac{+3}{10} & \frac{+5}{13} & \frac{+8}{13} & \frac{+3}{9} & \frac{+9}{16} & \frac{+3}{10} & \frac{+4}{11}\end{array}$

| 7 | 9 | 3 | 8 | 7 | 5 | 9 | 5 | 3 | 8 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+3}{10}$ | $\frac{+7}{16}$ | $\frac{+6}{9}$ | $\frac{+9}{17}$ | $\frac{+3}{10}$ | $\frac{+9}{14}$ | $\frac{+6}{15}$ | $\frac{+8}{13}$ | $\frac{+4}{7}$ | $\frac{+8}{16}$ |

$\qquad$

Set T $[8+3,3+8,4+9,9+4] \quad$ Practice on facts through Set $T$
$\begin{array}{rrrrrrrrrr}8 & 8 & 8 & 7 & 3 & 4 & 6 & 9 & 3 & 4 \\ +7 & \underline{+9} & \underline{+3} & \underline{+3} & \underline{+8} & \underline{+9} & \underline{+3} & \underline{+4} & \underline{+7} & \underline{+3}\end{array}$
$\begin{array}{rrrrrrrrrr}3 & 3 & 9 & 8 & 3 & 7 & 4 & 9 & 9 & 3 \\ +8 & \underline{+6} & \underline{4} & \underline{+3} & \underline{+7} & \underline{+3} & \underline{+9} & \underline{+8} & \underline{+6} & \underline{+5}\end{array}$
$\begin{array}{rrrrrrrrrr}8 & 7 & 6 & 9 & 6 & 3 & 9 & 4 & 8 & 6 \\ +3 & +3 & \underline{+7} & \underline{+4} & \underline{+3} & \underline{+8} & \underline{+8} & \underline{+9} & \underline{+9} & \underline{+8}\end{array}$
$\begin{array}{rrrrrrrrrr}8 & 3 & 3 & 9 & 8 & 9 & 4 & 7 & 3 & 8 \\ +9 & \underline{+8} & \underline{+7} & \underline{+4} & \underline{+3} & \underline{+8} & \underline{+9} & \underline{+9} & \underline{+6} & \underline{+5}\end{array}$

Mastering Math Facts - Addition
A-24 Name $\qquad$

Set T $[8+3,3+8,4+9,9+4] \quad$ Practice on facts through Set $T$

$$
\begin{array}{rrrrrrrrrr}
8 & 8 & 8 & 7 & 3 & 4 & 6 & 9 & 3 & 4 \\
+7 & \underline{+9} & \underline{+3} & \underline{+3} & \underline{+8} & \underline{+9} & \underline{+3} & \underline{+4} & \underline{+7} & \underline{+3}
\end{array}
$$

$$
\begin{array}{rrrrrrrrrr}
3 & 3 & 9 & 8 & 3 & 7 & 4 & 9 & 9 & 3 \\
+8 & \underline{+6} & \underline{4} & \underline{+3} & +7 & +3 & +9 & +8 & +6 & \underline{+5}
\end{array}
$$

| 8 | 7 | 6 | 9 | 6 | 3 | 9 | 4 | 8 | 6 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +3 | $\underline{+3}$ | $\underline{+7}$ | $\underline{+4}$ | $\underline{+3}$ | $\underline{+8}$ | $\underline{+8}$ | $\underline{+9}$ | $\underline{+9}$ | $\underline{+8}$ |


| 8 | 3 | 3 | 9 | 8 | 9 | 4 | 7 | 3 | 8 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +9 | $\underline{+8}$ | $\underline{+7}$ | $\underline{+4}$ | $\underline{+3}$ | $\underline{+8}$ | $\underline{+9}$ | $\underline{+9}$ | $\underline{+6}$ | $\underline{+5}$ |

Set $\mathrm{T}[8+3,3+8,4+9,9+4]$ Practice on facts through Set $T$

| 8 | 8 | 8 | 7 | 3 | 4 | 6 | 9 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +7 | +9 | +3 | +3 | +8 | +9 | +3 | +4 | +7 |
| 15 | 17 | 11 | 10 | 11 | 13 | 9 | 13 | 10 |


$\begin{array}{rrrrrrrrrrr}8 & 7 & 6 & 9 & 6 & 3 & 9 & 4 & 8 & 6 \\ \frac{+3}{11} & \frac{+3}{10} & \frac{+7}{13} & \frac{+4}{13} & \frac{+3}{9} & \frac{+8}{11} & \frac{+8}{17} & \frac{+9}{13} & \frac{+9}{17} & \frac{+8}{14}\end{array}$
$\begin{array}{rrrrrrrrrr}8 & 3 & 3 & 9 & 8 & 9 & 4 & 7 & 3 & 8 \\ \frac{+9}{17} & \frac{+8}{11} & \frac{+7}{10} & \frac{+4}{13} & \frac{+3}{11} & \frac{+8}{17} & \frac{+9}{13} & \frac{+9}{16} & \frac{+6}{9} & \frac{+5}{13}\end{array}$

Set $T[8+3,3+8,4+9,9+4]$ Practice on facts through Set $T$
$\begin{array}{rrrrrrrrrr}8 & 8 & 8 & 7 & 3 & 4 & 6 & 9 & 3 & 4 \\ +7 & +9 & \frac{+3}{15} & \frac{+3}{10} & \frac{+8}{11} & \frac{+9}{13} & \frac{+3}{9} & \frac{+4}{13} & \frac{+7}{10} & \frac{+3}{7}\end{array}$

$\begin{array}{rrrrrrrrrrr}8 & 7 & 6 & 9 & 6 & 3 & 9 & 4 & 8 & 6 \\ \frac{+3}{11} & \frac{+3}{10} & \frac{+7}{13} & \frac{+4}{13} & \frac{+3}{9} & \frac{+8}{11} & \frac{+8}{17} & \frac{+9}{13} & \frac{+9}{17} & \frac{+8}{14}\end{array}$

| 8 | 3 | 3 | 9 | 8 | 9 | 4 | 7 | 3 | 8 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+9}{17}$ | $\frac{+8}{11}$ | $\frac{+7}{10}$ | $\frac{+4}{13}$ | $\frac{+3}{11}$ | $\frac{+8}{17}$ | $\frac{+9}{13}$ | $\frac{+9}{16}$ | $\frac{+6}{9}$ | $\frac{+5}{13}$ |

$\qquad$

Set U $[9+3,3+9,5+7,7+5] \quad$ Practice on facts through Set $\mathbf{U}$

| 5 | 4 | 9 | 7 | 3 | 8 | 3 | 8 | 7 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +7 | +9 | +3 | $\underline{+3}$ | $\underline{+9}$ | +3 | $\underline{+7}$ | $\underline{+9}$ | $\underline{+5}$ | $\underline{+9}$ |


| 3 | 4 | 8 | 5 | 6 | 9 | 7 | 9 | 9 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +9 | $\underline{+3}$ | $\underline{+3}$ | $\underline{+7}$ | $\underline{+7}$ | $\underline{+4}$ | $\underline{+5}$ | $\underline{+3}$ | $\underline{+8}$ | $\underline{+8}$ |


| 7 | 8 | 3 | 7 | 9 | 3 | 4 | 3 | 5 | 9 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +3 | $\underline{+9}$ | $\underline{+7}$ | $\underline{+5}$ | +3 | $\underline{+9}$ | $\underline{+9}$ | $\underline{+8}$ | $\underline{+7}$ | $\underline{+4}$ |


| 8 | 7 | 7 | 4 | 5 | 9 | 9 | 9 | 3 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +3 | $\underline{+5}$ | $\underline{+6}$ | $\underline{9}$ | $\underline{+7}$ | $\underline{+3}$ | $\underline{+4}$ | $\underline{+8}$ | $\underline{+9}$ | $\underline{+8}$ |

$\qquad$

Set U $[9+3,3+9,5+7,7+5] \quad$ Practice on facts through Set $\mathbf{U}$

| 5 | 4 | 9 | 7 | 3 | 8 | 3 | 8 | 7 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +7 | +9 | +3 | $\underline{+3}$ | $\underline{+9}$ | $\underline{+3}$ | $\underline{+7}$ | $\underline{+9}$ | $\underline{+5}$ | $\underline{+9}$ |


| 3 | 4 | 8 | 5 | 6 | 9 | 7 | 9 | 9 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +9 | $\underline{+3}$ | $\underline{+3}$ | $\underline{+7}$ | $\underline{+7}$ | $\underline{+4}$ | $\underline{+5}$ | $\underline{+3}$ | $\underline{+8}$ | $\underline{+8}$ |

$\begin{array}{rrrrrrrrrr}7 & 8 & 3 & 7 & 9 & 3 & 4 & 3 & 5 & 9 \\ +3 & +9 & \underline{+7} & \underline{+5} & +3 & \underline{+9} & \underline{+9} & \underline{+8} & \underline{+7} & \underline{+4}\end{array}$

| 8 | 7 | 7 | 4 | 5 | 9 | 9 | 9 | 3 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +3 | $\underline{+5}$ | $\underline{+6}$ | $\underline{9}$ | $\underline{+7}$ | $\underline{+3}$ | $\underline{+4}$ | $\underline{+8}$ | $\underline{+9}$ | $\underline{+8}$ |

Set $\cup[9+3,3+9,5+7,7+5]$ Practice on facts through Set U
$\begin{array}{rrrrrrrrrr}5 & 4 & 9 & 7 & 3 & 8 & 3 & 8 & 7 & 2 \\ +7 & \pm 9 & \pm 3 & \pm 3 & \pm 9 & \pm 3 & \pm 7 & \pm 9 & \pm 5 & \pm 9\end{array}$ $\begin{array}{llllllllll}12 & 13 & 12 & 10 & 12 & 11 & 10 & 17 & 12 & 11\end{array}$ $\begin{array}{rrrrrrrrrr}3 & 4 & 8 & 5 & 6 & 9 & 7 & 9 & 9 & 3 \\ +9 & \pm 3 & \pm 3 & \pm 7 & \pm 7 & \pm 4 & \pm 5 & +3 & \pm 8 & \pm 8\end{array}$ $\begin{array}{llllllllll}12 & 7 & 11 & 12 & 13 & 13 & 12 & 12 & 17 & 11\end{array}$
$\begin{array}{llllllllll}7 & 8 & 3 & 7 & 9 & 3 & 4 & 3 & 5 & 9\end{array}$ $\pm 3 \quad \pm 9 \quad \pm 7 \quad \pm 5 \quad \pm 3 \quad \pm 9 \quad \pm 8 \quad \pm 7 \quad \pm 4$ $\begin{array}{llllllllll}10 & 17 & 10 & 12 & 12 & 12 & 13 & 11 & 12 & 13\end{array}$ $\begin{array}{rrrrrrrrrr}8 & 7 & 7 & 4 & 5 & 9 & 9 & 9 & 3 & 3 \\ +3 & \pm 5 & \pm 6 & \pm 9 & \pm 7 & \pm 3 & \pm 4 & \pm 8 & \pm 9 & \pm 8\end{array}$ $\begin{array}{llllllllll}11 & 12 & 13 & 13 & 12 & 12 & 13 & 17 & 12 & 11\end{array}$

Set $\cup[9+3,3+9,5+7,7+5]$ Practice on facts through Set U
$\begin{array}{rrrrrrrrrr}5 & 4 & 9 & 7 & 3 & 8 & 3 & 8 & 7 & 2 \\ +7 & \pm 9 & \pm 3 & \pm 3 & \pm 9 & \pm 3 & +7 & +9 & \pm 5 & +9 \\ 12 & 13 & 12 & 10 & 12 & 11 & 10 & 17 & 12 & 11\end{array}$
$\begin{array}{rrrrrrrrrr}3 & 4 & 8 & 5 & 6 & 9 & 7 & 9 & 9 & 3 \\ +9 & \pm 3 & \pm 3 & \pm 7 & \pm 7 & \pm 4 & \pm 5 & \pm 3 & \pm 8 & +8\end{array}$ $\begin{array}{llllllllll}12 & 7 & 11 & 12 & 13 & 13 & 12 & 12 & 17 & 11\end{array}$

| 7 | 8 | 3 | 7 | 9 | 3 | 4 | 3 | 5 | 9 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\pm 3$ | $\pm 9$ | $\pm 7$ | $\pm 5$ | $\pm 3$ | $\pm 9$ | $\pm 9$ | +8 | +7 | $\pm 4$ |
| 10 | 17 | 10 | 12 | 12 | 12 | 13 | 11 | 12 | 13 |


| 8 | 7 | 7 | 4 | 5 | 9 | 9 | 9 | 3 | 3 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

$\pm \begin{array}{lllllllll} & \pm 5 & \pm 6 & \pm 9 & +7 & \pm 3 & \pm 4 & \pm 8 & \pm 9\end{array}+8$ $\begin{array}{llllllllll}11 & 12 & 13 & 13 & 12 & 12 & 13 & 17 & 12 & 11\end{array}$

A-26 Name $\qquad$

Set $V[4+5,5+4,4+8,8+4] \quad$ Practice on facts through Set $\mathbf{V}$
$\begin{array}{rrrrrrrrrr}8 & 3 & 5 & 7 & 7 & 4 & 5 & 8 & 4 & 9 \\ +4 & \underline{+9} & \underline{+4} & \underline{+6} & \underline{+5} & \underline{+5} & \underline{+7} & \underline{+3} & \underline{+8} & \underline{+3}\end{array}$
$\begin{array}{rrrrrrrrrr}3 & 4 & 8 & 5 & 6 & 9 & 4 & 3 & 7 & 5 \\ +9 & \underline{+5} & \underline{+4} & \underline{+7} & \underline{+6} & \underline{+4} & \underline{+8} & \underline{+8} & \underline{+3} & \underline{+4}\end{array}$
$\begin{array}{rrrrrrrrrr}9 & 6 & 5 & 4 & 4 & 3 & 4 & 5 & 8 & 7 \\ +3 & \underline{+9} & \underline{+7} & \underline{+8} & \underline{+5} & \underline{+9} & \underline{+9} & \underline{+4} & \underline{+4} & \underline{+5}\end{array}$
$\begin{array}{rrrrrrrrrr}8 & 4 & 7 & 5 & 9 & 8 & 9 & 3 & 4 & 4 \\ +4 & \underline{+5} & \underline{+5} & \underline{+4} & \underline{+3} & \underline{+3} & \underline{4} & \underline{+8} & \underline{+9} & \underline{+8}\end{array}$

Mastering Math Facts - Addition
A-26
Name $\qquad$

Set $V[4+5,5+4,4+8,8+4] \quad$ Practice on facts through Set $\mathbf{V}$

| 8 | 3 | 5 | 7 | 7 | 4 | 5 | 8 | 4 | 9 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\underline{+4}$ | $\underline{+9}$ | $\underline{+4}$ | $\underline{+6}$ | $\underline{+5}$ | $\underline{+5}$ | $\underline{+7}$ | $\underline{+3}$ | $\underline{+8}$ | $\underline{+3}$ |
| 3 | 4 | 8 | 5 | 6 | 9 | 4 | 3 | 7 | 5 |
| $\underline{+9}$ | $\underline{+5}$ | $\underline{+4}$ | $\underline{+7}$ | $\underline{+6}$ | $\underline{+4}$ | $\underline{+8}$ | $\underline{+8}$ | $\underline{+3}$ | $\underline{+4}$ |
| 9 | 6 | 5 | 4 | 4 | 3 | 4 | 5 | 8 | 7 |
| $\underline{+3}$ | $\underline{+9}$ | $\underline{+7}$ | $\underline{+8}$ | $\underline{+5}$ | $\underline{+9}$ | $\underline{+9}$ | $\underline{+4}$ | $\underline{+4}$ | $\underline{+5}$ |
| 8 | 4 | 7 | 5 | 9 | 8 | 9 | 3 | 4 | 4 |
| $\underline{+4}$ | $\underline{+5}$ | $\underline{+5}$ | $\underline{+4}$ | $\underline{+3}$ | $\underline{+3}$ | $\underline{4}$ | $\underline{+8}$ | $\underline{+9}$ | $\underline{+8}$ |

Set $V[4+5,5+4,4+8,8+4] \quad$ Practice on facts through Set $\mathbf{V}$

| 8 | 3 | 5 | 7 | 7 | 4 | 5 | 8 | 4 | 9 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +4 | $\frac{+9}{12}$ | $\frac{+4}{\mathbf{1}}$ | $\frac{+6}{13}$ | $\frac{+5}{12}$ | $\frac{+5}{9}$ | $\frac{+7}{12}$ | $\frac{+3}{11}$ | $\frac{+8}{12}$ | $\frac{+3}{12}$ |


| 3 | 4 | 8 | 5 | 6 | 9 | 4 | 3 | 7 | 5 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+9}{12}$ | $\frac{+5}{9}$ | $\frac{+4}{12}$ | $\frac{+7}{12}$ | $\frac{+6}{12}$ | $\frac{+4}{13}$ | $\frac{+8}{12}$ | $\frac{+8}{11}$ | $\frac{+3}{10}$ | $\frac{+4}{9}$ |


| 9 | 6 | 5 | 4 | 4 | 3 | 4 | 5 | 8 | 7 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +3 | $\frac{+9}{12}$ | $\frac{+7}{12}$ | $\frac{+8}{12}$ | $\frac{+5}{9}$ | $\frac{+9}{12}$ | $\frac{+9}{13}$ | $\frac{+4}{9}$ | $\frac{+4}{12}$ | $\frac{+5}{12}$ |


| 8 | 4 | 7 | 5 | 9 | 8 | 9 | 3 | 4 | 4 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+4}{12}$ | $\frac{+5}{9}$ | $\frac{+5}{12}$ | $\frac{+4}{9}$ | $\frac{+3}{12}$ | $\frac{+3}{11}$ | $\frac{+4}{13}$ | $\frac{+8}{11}$ | $\frac{+9}{13}$ | $\frac{+8}{12}$ |

Set $V[4+5,5+4,4+8,8+4] \quad$ Practice on facts through Set $V$
$\begin{array}{rrrrrrrrrr}8 & 3 & 5 & 7 & 7 & 4 & 5 & 8 & 4 & 9 \\ \frac{+4}{\mathbf{1 2}} & \frac{+9}{\mathbf{1 2}} & \frac{+4}{\mathbf{9}} & \frac{+6}{\mathbf{1 3}} & \frac{+5}{\mathbf{1 2}} & \frac{+5}{\mathbf{9}} & \frac{+7}{\mathbf{1 2}} & \frac{+3}{11} & \frac{+8}{\mathbf{1 2}} & \frac{+3}{12}\end{array}$

| 3 | 4 | 8 | 5 | 6 | 9 | 4 | 3 | 7 | 5 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+9}{12}$ | $\frac{+5}{9}$ | $\frac{+4}{12}$ | $\frac{+7}{12}$ | $\frac{+6}{12}$ | $\frac{+4}{13}$ | $\frac{+8}{12}$ | $\frac{+8}{11}$ | $\frac{+3}{10}$ | $\frac{+4}{9}$ |

$\begin{array}{rrrrrrrrrrrr}9 & 6 & 5 & 4 & 4 & 3 & 4 & 5 & 8 & 7 \\ \frac{+3}{12} & \frac{+9}{15} & \frac{+7}{12} & \frac{+8}{12} & \frac{+5}{9} & \frac{+9}{12} & \frac{+9}{13} & \frac{+4}{9} & \frac{+4}{12} & \frac{+5}{12}\end{array}$

| 8 | 4 | 7 | 5 | 9 | 8 | 9 | 3 | 4 | 4 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+4}{12}$ | $\frac{+5}{9}$ | $\frac{+5}{12}$ | $\frac{+4}{9}$ | $\frac{+3}{12}$ | $\frac{+3}{11}$ | $\frac{+4}{13}$ | $\frac{+8}{11}$ | $\frac{+9}{13}$ | $\frac{+8}{12}$ |

$\qquad$

Set $\mathbf{W}[4+6,6+4,5+6,6+5]$ Practice on facts through Set $\mathbf{W}$

| 8 | 6 | 5 | 4 | 3 | 4 | 6 | 5 | 4 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +4 | $\underline{+4}$ | $\underline{+4}$ | $\underline{+6}$ | $\underline{+9}$ | $\underline{+5}$ | $\underline{+5}$ | $\underline{+6}$ | $\underline{+8}$ | $\underline{+9}$ |

$\begin{array}{rrrrrrrrrr}6 & 4 & 8 & 5 & 6 & 9 & 7 & 4 & 7 & 3 \\ +5 & \underline{+5} & \underline{+4} & \underline{+6} & \underline{+4} & \underline{+3} & \underline{+8} & \underline{+6} & \underline{+6} & \underline{+4}\end{array}$
$\begin{array}{rrrrrrrrrr}5 & 6 & 6 & 4 & 4 & 4 & 3 & 6 & 3 & 5 \\ +6 & \underline{+9} & \underline{+5} & \underline{+8} & \underline{+6} & \underline{+5} & \underline{+9} & \underline{+4} & \underline{+7} & \underline{+4}\end{array}$
$\begin{array}{rrrrrrrrrr}8 & 6 & 4 & 9 & 5 & 9 & 5 & 4 & 6 & 8 \\ \underline{+4} & \underline{+5} & \underline{+6} & \underline{+3} & \underline{+4} & \underline{+2} & \underline{+6} & \underline{+8} & \underline{+4} & \underline{+8}\end{array}$

Mastering Math Facts - Addition
A-27 Name $\qquad$

Set $W[4+6,6+4,5+6,6+5]$ Practice on facts through Set $\mathbf{W}$

| 8 | 6 | 5 | 4 | 3 | 4 | 6 | 5 | 4 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +4 | $\underline{+4}$ | $\underline{+4}$ | $\underline{+6}$ | $\underline{+9}$ | $\underline{+5}$ | $\underline{+5}$ | $\underline{+6}$ | $\underline{+8}$ | $\underline{+9}$ |


| 6 | 4 | 8 | 5 | 6 | 9 | 7 | 4 | 7 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +5 | $\underline{+5}$ | $\underline{+4}$ | $\underline{+6}$ | $\underline{+4}$ | $\underline{+3}$ | $\underline{+8}$ | $\underline{+6}$ | $\underline{+6}$ | $\underline{+4}$ |


| 5 | 6 | 6 | 4 | 4 | 4 | 3 | 6 | 3 | 5 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +6 | $\underline{+9}$ | $\underline{+5}$ | $\underline{+8}$ | $\underline{+6}$ | $\underline{+5}$ | $\underline{+9}$ | $\underline{+4}$ | $\underline{+7}$ | $\underline{+4}$ |

$\begin{array}{llllllllll}8 & 6 & 4 & 9 & 5 & 9 & 5 & 4 & 6 & 8\end{array}$
$\underline{+4} \underline{+5} \underline{+6} \quad \underline{+3} \quad \underline{+4} \quad \underline{+2} \quad \underline{+6} \quad \underline{+8} \quad \underline{+4} \quad \underline{+8}$

Set $W[4+6,6+4,5+6,6+5]$ Practice on facts through Set $W$
$\begin{array}{rrrrrrrrrr}8 & 6 & 5 & 4 & 3 & 4 & 6 & 5 & 4 & 2 \\ \frac{+4}{12} & \frac{+4}{10} & \frac{+4}{9} & \frac{+6}{10} & \frac{+9}{12} & \frac{+5}{9} & \frac{+5}{11} & \frac{+6}{11} & \frac{+8}{12} & \frac{+9}{11}\end{array}$

| 6 | 4 | 8 | 5 | 6 | 9 | 7 | 4 | 7 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\frac{+5}{11}$ | $\frac{+5}{9}$ | $\frac{+4}{12}$ | $\frac{+6}{11}$ | $\frac{+4}{10}$ | $\frac{+3}{12}$ | $\frac{+8}{15}$ | $\frac{+6}{10}$ | $\frac{+6}{13}$ | $\frac{+4}{7}$ |


| 5 | 6 | 6 | 4 | 4 | 4 | 3 | 6 | 3 | 5 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +6 | $\frac{+9}{11}$ | $\frac{+5}{11}$ | $\frac{+8}{12}$ | $\frac{+6}{10}$ | $\frac{+5}{9}$ | $\frac{+9}{12}$ | $\frac{+4}{10}$ | $\frac{+7}{10}$ | $\frac{+4}{9}$ |


| 8 | 6 | 4 | 9 | 5 | 9 | 5 | 4 | 6 | 8 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +4 | $\frac{+5}{11}$ | $\frac{+6}{10}$ | $\frac{+3}{12}$ | $\frac{+4}{9}$ | $\frac{+2}{11}$ | $\frac{+6}{11}$ | $\frac{+8}{12}$ | $\frac{+4}{10}$ | $\frac{+8}{16}$ |

Set $W(4+6,5+4,5+6,6+5)$ Practice on facts through set $W$
$\begin{array}{rrrrrrrrrr}8 & 6 & 5 & 4 & 3 & 4 & 6 & 5 & 4 & 2 \\ +4 & \frac{+4}{10} & \frac{+4}{9} & \frac{+6}{10} & \frac{+9}{12} & \frac{+5}{9} & \frac{+5}{11} & \frac{+6}{11} & \frac{+8}{12} & \frac{+9}{11}\end{array}$
$\begin{array}{rrrrrrrrrrr}6 & 4 & 8 & 5 & 6 & 9 & 7 & 4 & 7 & 3 \\ \frac{+5}{11} & \frac{+5}{9} & \frac{+4}{12} & \frac{+6}{11} & \frac{+4}{10} & \frac{+3}{12} & \frac{+8}{15} & \frac{+6}{10} & \frac{+6}{13} & \frac{+4}{7}\end{array}$
$\begin{array}{rrrrrrrrrrr}5 & 6 & 6 & 4 & 4 & 4 & 3 & 6 & 3 & 5 \\ +\frac{+6}{11} & \frac{+9}{15} & \frac{+5}{11} & \frac{+8}{12} & \frac{+6}{10} & \frac{+5}{9} & \frac{+9}{12} & \frac{+4}{10} & \frac{+7}{10} & \frac{+4}{9}\end{array}$
$\begin{array}{rrrrrrrrrr}8 & 6 & 4 & 9 & 5 & 9 & 5 & 4 & 6 & 8 \\ +4 & \frac{+5}{12} & \frac{+6}{11} & \frac{+3}{12} & \frac{+4}{9} & \frac{+2}{11} & \frac{+6}{11} & \frac{+8}{12} & \frac{+4}{10} & \frac{+8}{16}\end{array}$
$\qquad$

Set $X \quad$ Practice on facts through Set $X$

$\qquad$

Set $X \quad$ Practice on facts through Set $X$

| 8 | 6 | 5 | 7 | 3 | 4 | 6 | 5 | 4 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +4 | +4 | $\underline{4}$ | +6 | $\underline{+9}$ | $\underline{+7}$ | $\underline{+5}$ | +6 | +8 | +9 |


| 6 | 4 | 8 | 5 | 6 | 9 | 7 | 4 | 7 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +5 | +5 | $\underline{+4}$ | $\underline{+8}$ | $\underline{+4}$ | $\underline{+3}$ | $\underline{8}$ | $\underline{+6}$ | $\underline{+6}$ | $\underline{+4}$ |


| 5 | 6 | 7 | 4 | 4 | 4 | 3 | 6 | 3 | 5 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +6 | +9 | +5 | +8 | +6 | $\underline{+5}$ | $\underline{+9}$ | $\underline{4}$ | $\underline{+7}$ | $\underline{+4}$ |


| 8 | 6 | 4 | 9 | 5 | 9 | 5 | 4 | 6 | 8 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +2 | +5 | $\underline{+6}$ | +8 | +9 | +2 | +6 | +4 | +1 | $\underline{+0}$ |

Set $X$ Practice on facts through Set $X$

| 8 | 6 | 5 | 7 | 3 | 4 | 6 | 5 | 4 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +4 | $\frac{+4}{12}$ | $\frac{+4}{10}$ | $\frac{+6}{9}$ | $\frac{+6}{13}$ | $\frac{+9}{12}$ | $\frac{+7}{11}$ | $\frac{+5}{11}$ | $\frac{+6}{11}$ | $\frac{+8}{12}$ |
|  | $\frac{+9}{11}$ |  |  |  |  |  |  |  |  |

$\begin{array}{rrrrrrrrrrr}6 & 4 & 8 & 5 & 6 & 9 & 7 & 4 & 7 & 3 \\ \frac{+5}{11} & \frac{+5}{9} & \frac{+4}{12} & \frac{+8}{13} & \frac{+4}{10} & \frac{+3}{12} & \frac{+8}{15} & \frac{+6}{10} & \frac{+6}{13} & \frac{+4}{7}\end{array}$
$\begin{array}{rrrrrrrrrr}5 & 6 & 7 & 4 & 4 & 4 & 3 & 6 & 3 & 5 \\ \frac{+6}{11} & \frac{+9}{15} & \frac{+5}{12} & \frac{+8}{12} & \frac{+6}{10} & \frac{+5}{9} & \frac{+9}{12} & \frac{+4}{10} & \frac{+7}{10} & \frac{+4}{9}\end{array}$
$\begin{array}{rrrrrrrrrr}8 & 6 & 4 & 9 & 5 & 9 & 5 & 4 & 6 & 8 \\ \frac{+2}{10} & \frac{+5}{11} & \frac{+6}{10} & \frac{+8}{17} & \frac{+9}{14} & \frac{+2}{11} & \frac{+6}{11} & \frac{+4}{8} & \frac{+1}{7} & \frac{+0}{8}\end{array}$

Set $X$ Practice on facts through Set $X$

| 8 | 6 | 5 | 7 | 3 | 4 | 6 | 5 | 4 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +4 | $\frac{+4}{12}$ | $\frac{+4}{10}$ | $\frac{+6}{9}$ | $\frac{+6}{13}$ | $\frac{+9}{12}$ | $\frac{+7}{11}$ | $\frac{+5}{11}$ | $\frac{+6}{11}$ | $\frac{+8}{12}$ |
|  | $\frac{+9}{11}$ |  |  |  |  |  |  |  |  |

$\begin{array}{rrrrrrrrrr}6 & 4 & 8 & 5 & 6 & 9 & 7 & 4 & 7 & 3 \\ \frac{+5}{11} & \frac{+5}{9} & \frac{+4}{12} & \frac{+8}{13} & \frac{+4}{10} & \frac{+3}{12} & \frac{+8}{15} & \frac{+6}{10} & \frac{+6}{13} & \frac{+4}{7}\end{array}$
$\begin{array}{rrrrrrrrrr}5 & 6 & 7 & 4 & 4 & 4 & 3 & 6 & 3 & 5 \\ \frac{+6}{11} & \frac{+9}{15} & \frac{+5}{12} & \frac{+8}{12} & \frac{+6}{10} & \frac{+5}{9} & \frac{+9}{12} & \frac{+4}{10} & \frac{+7}{10} & \frac{+4}{9}\end{array}$
$\begin{array}{rrrrrrrrrr}8 & 6 & 4 & 9 & 5 & 9 & 5 & 4 & 6 & 8 \\ +2 & \frac{+5}{11} & \frac{+6}{10} & \frac{+8}{17} & \frac{+9}{14} & \frac{+2}{11} & \frac{+6}{11} & \frac{+4}{8} & \frac{+1}{7} & \frac{+0}{8}\end{array}$
$\qquad$

Set $Y \quad$ Practice on facts through Set $\mathbf{Y}$

$$
\begin{array}{rrrrrrrrrr}
8 & 6 & 5 & 4 & 3 & 4 & 2 & 5 & 4 & 2 \\
+3 & \underline{+9} & \underline{+1} & \underline{+6} & \underline{+9} & \underline{+5} & \underline{+5} & \underline{+7} & \underline{+8} & \underline{+9}
\end{array}
$$

$$
\begin{array}{rrrrrrrrrr}
3 & 4 & 8 & 5 & 5 & 9 & 7 & 4 & 7 & 3 \\
\underline{+5} & \underline{+5} & +4 & \underline{+6} & \underline{+4} & \underline{+3} & \underline{+9} & \underline{+3} & \underline{+6} & \underline{+4}
\end{array}
$$

$$
\begin{array}{rrrrrrrrrr}
3 & 6 & 6 & 4 & 4 & 5 & 3 & 6 & 3 & 5 \\
\underline{+6} & \underline{+9} & \underline{+5} & \underline{+8} & \underline{+6} & \underline{+5} & \underline{+9} & \underline{+4} & \underline{+7} & \underline{+4}
\end{array}
$$

$$
\begin{array}{rrrrrrrrrr}
7 & 6 & 1 & 9 & 2 & 9 & 5 & 7 & 6 & 8 \\
+4 & \underline{+5} & \underline{+6} & \underline{+3} & \underline{+4} & \underline{+2} & \underline{+6} & \underline{+8} & \underline{+4} & \underline{+8}
\end{array}
$$

$\qquad$

Set Y Practice on facts through Set $\mathbf{Y}$

$$
\begin{array}{rrrrrrrrrr}
8 & 6 & 5 & 4 & 3 & 4 & 2 & 5 & 4 & 2 \\
+3 & \underline{+9} & \underline{+1} & \underline{+6} & \underline{+9} & \underline{+5} & \underline{+5} & \underline{+7} & \underline{+8} & \underline{+9}
\end{array}
$$

$$
\begin{array}{rrrrrrrrrr}
3 & 4 & 8 & 5 & 5 & 9 & 7 & 4 & 7 & 3 \\
\underline{+5} & \underline{+5} & \underline{+4} & \underline{+6} & \underline{+4} & \underline{+3} & \underline{+9} & \underline{+3} & \underline{+6} & \underline{+4}
\end{array}
$$

$$
\begin{array}{rrrrrrrrrr}
3 & 6 & 6 & 4 & 4 & 5 & 3 & 6 & 3 & 5 \\
\underline{+6} & \underline{+9} & \underline{+5} & \underline{+8} & \underline{+6} & \underline{+5} & \underline{+9} & \underline{+4} & \underline{+7} & \underline{+4}
\end{array}
$$

$$
\begin{array}{rrrrrrrrrr}
7 & 6 & 1 & 9 & 2 & 9 & 5 & 7 & 6 & 8 \\
+\underline{+4} & \underline{+5} & \underline{+6} & \underline{+3} & \underline{+4} & \underline{+2} & \underline{+6} & \underline{+8} & \underline{+4} & \underline{+8}
\end{array}
$$

Set $Y$ Practice on facts through Set $Y$

$$
\begin{array}{rrrrrrrrrr}
8 & 6 & 5 & 4 & 3 & 4 & 2 & 5 & 4 & 2 \\
\frac{+3}{11} & \frac{+9}{15} & \frac{+1}{\mathbf{6}} & \frac{+6}{10} & \frac{+9}{12} & \frac{+5}{9} & \frac{+5}{7} & \frac{+7}{12} & \frac{+8}{12} & \frac{+9}{11} \\
3 & 4 & 8 & 5 & 5 & 9 & 7 & 4 & 7 & 3 \\
\frac{+5}{8} & \frac{+5}{9} & \frac{+4}{12} & \frac{+6}{11} & \frac{+4}{9} & \frac{+3}{12} & \frac{+9}{16} & \frac{+3}{7} & \frac{+6}{13} & \frac{+4}{7} \\
3 & 6 & 6 & 4 & 4 & 5 & 3 & 6 & 3 & 5 \\
\frac{+6}{9} & \frac{+9}{15} & \frac{+5}{11} & \frac{+8}{12} & \frac{+6}{10} & \frac{+5}{10} & \frac{+9}{12} & \frac{+4}{10} & \frac{+7}{10} & \frac{+4}{9} \\
7 & 6 & 1 & 9 & 2 & 9 & 5 & 7 & 6 & 8 \\
\frac{74}{11} & \frac{+5}{11} & \frac{+6}{7} & \frac{+3}{12} & \frac{+4}{\mathbf{6}} & \frac{+2}{11} & \frac{+6}{11} & \frac{+8}{15} & \frac{+4}{10} & \frac{+8}{16}
\end{array}
$$

Set $Y$ Practice on facts through Set $\mathbf{Y}$

| 8 | 6 | 5 | 4 | 3 | 4 | 2 | 5 | 4 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $+\frac{+3}{11}$ | $\frac{+9}{15}$ | $\frac{+1}{6}$ | $\frac{+6}{10}$ | $\frac{+9}{12}$ | $\frac{+5}{9}$ | $\frac{+5}{7}$ | $\frac{+7}{12}$ | $\frac{+8}{12}$ | $\frac{+9}{11}$ |

$\begin{array}{rrrrrrrrrrr}3 & 4 & 8 & 5 & 5 & 9 & 7 & 4 & 7 & 3 \\ +\frac{+5}{8} & \frac{+5}{9} & \frac{+4}{12} & \frac{+6}{11} & \frac{+4}{9} & \frac{+3}{12} & \frac{+9}{16} & \frac{+3}{7} & \frac{+6}{13} & \frac{+4}{7}\end{array}$ $\begin{array}{llllllllll}3 & 6 & 6 & 4 & 4 & 5 & 3 & 6 & 3 & 5\end{array}$
$\begin{array}{llllllllll}\frac{+6}{9} & \frac{+9}{15} & \frac{+5}{11} & \frac{+8}{12} & \frac{+6}{10} & \frac{+5}{10} & \frac{+9}{12} & \frac{+4}{10} & \frac{+7}{10} & \frac{+4}{9}\end{array}$
$\begin{array}{rrrrrrrrrrr}7 & 6 & 1 & 9 & 2 & 9 & 5 & 7 & 6 & 8 \\ +4 & \frac{+5}{11} & +6 & \frac{+3}{12} & \frac{+4}{6} & \frac{+2}{11} & \frac{+6}{11} & \frac{+8}{15} & \frac{+4}{10} & \frac{+8}{16}\end{array}$

A-30 Name $\qquad$

Set $Z \quad$ Practice on facts through Set 7
$\begin{array}{rrrrrrrrrr}8 & 6 & 5 & 4 & 3 & 4 & 8 & 5 & 4 & 2 \\ +1 & \underline{+4} & \underline{+9} & \underline{+6} & \underline{+9} & \underline{+5} & \underline{+5} & \underline{+6} & \underline{+8} & \underline{+9}\end{array}$
$\begin{array}{rrrrrrrrrr}6 & 4 & 8 & 5 & 7 & 9 & 7 & 4 & 7 & 3 \\ +5 & \underline{+9} & \underline{+3} & \underline{+6} & \underline{+4} & \underline{+5} & \underline{+8} & \underline{+4} & \underline{+6} & \underline{+4}\end{array}$
$\begin{array}{rrrrrrrrrr}5 & 6 & 6 & 2 & 4 & 4 & 3 & 6 & 3 & 5 \\ +6 & \underline{+9} & +3 & \underline{+8} & \underline{+3} & +1 & \underline{+2} & \underline{+8} & +7 & \underline{+4}\end{array}$

| 8 | 6 | 2 | 9 | 5 | 9 | 5 | 4 | 9 | 8 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +4 | $\underline{+7}$ | $\underline{+6}$ | $\underline{+3}$ | $\underline{+6}$ | $\underline{+2}$ | $\underline{+6}$ | $\underline{+0}$ | $\underline{+4}$ | $\underline{+8}$ |

$\qquad$

Set Z Practice on facts through set 7

| 8 | 6 | 5 | 4 | 3 | 4 | 8 | 5 | 4 | 2 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| +1 | $\underline{+4}$ | $\underline{9}$ | $\underline{+6}$ | $\underline{+9}$ | $\underline{+5}$ | $\underline{+5}$ | $\underline{+6}$ | $\underline{+8}$ | $\underline{+9}$ |

$\begin{array}{rrrrrrrrrr}6 & 4 & 8 & 5 & 7 & 9 & 7 & 4 & 7 & 3 \\ +5 & \underline{+9} & \underline{+3} & \underline{+6} & \underline{+4} & +5 & \underline{+8} & \underline{+4} & \underline{+6} & \underline{+4}\end{array}$
$\begin{array}{rrrrrrrrrr}5 & 6 & 6 & 2 & 4 & 4 & 3 & 6 & 3 & 5 \\ +\underline{+6} & \underline{+9} & \underline{+3} & \underline{+8} & \underline{+3} & \underline{+1} & +2 & \underline{+8} & +7 & \underline{+4}\end{array}$
$\begin{array}{llllllllll}8 & 6 & 2 & 9 & 5 & 9 & 5 & 4 & 9 & 8\end{array}$
$\underline{+4} \underline{+7} \underline{+6}+3 \quad \underline{+6}+2 \underline{+6}+0 \quad+4 \quad+8$

Set $z \quad$ Practice on facts through Set $\quad Z$
$\begin{array}{rrrrrrrrrr}8 & 6 & 5 & 4 & 3 & 4 & 8 & 5 & 4 & 2 \\ +1 & \frac{+4}{9} & \frac{+9}{14} & \frac{+6}{10} & \frac{+9}{12} & \frac{+5}{9} & \frac{+5}{13} & \frac{+6}{11} & \frac{+8}{12} & \frac{+9}{11}\end{array}$
$\begin{array}{rrrrrrrrrrr}6 & 4 & 8 & 5 & 7 & 9 & 7 & 4 & 7 & 3 \\ +\frac{+5}{11} & \frac{+9}{13} & \frac{+3}{11} & \frac{+6}{11} & \frac{+4}{11} & \frac{+5}{14} & \frac{+8}{15} & \frac{+4}{8} & \frac{+6}{13} & \frac{+4}{7}\end{array}$
$\begin{array}{rrrrrrrrrr}5 & 6 & 6 & 2 & 4 & 4 & 3 & 6 & 3 & 5 \\ \frac{+6}{11} & \frac{+9}{15} & \frac{+3}{9} & \frac{+8}{10} & \frac{+3}{7} & \frac{+1}{5} & \frac{+2}{5} & \frac{+8}{14} & \frac{+7}{10} & \frac{+4}{9}\end{array}$
$\begin{array}{rrrrrrrrrr}8 & 6 & 2 & 9 & 5 & 9 & 5 & 4 & 9 & 8 \\ \frac{+4}{12} & \frac{+7}{13} & \frac{+6}{8} & \frac{+3}{12} & \frac{+6}{11} & \frac{+2}{11} & \frac{+6}{11} & \frac{+0}{4} & \frac{+4}{13} & \frac{+8}{16}\end{array}$

Set $Z \quad$ Practice on facts through Set $\quad \geq$
$\begin{array}{rrrrrrrrrr}8 & 6 & 5 & 4 & 3 & 4 & 8 & 5 & 4 & 2 \\ +1 & \frac{+4}{9} & \frac{+9}{14} & \frac{+6}{10} & \frac{+9}{12} & \frac{+5}{9} & \frac{+5}{13} & \frac{+6}{11} & \frac{+8}{12} & \frac{+9}{11}\end{array}$
$\begin{array}{rrrrrrrrrrr}6 & 4 & 8 & 5 & 7 & 9 & 7 & 4 & 7 & 3 \\ \frac{+5}{11} & \frac{+9}{13} & \frac{+3}{11} & \frac{+6}{11} & \frac{+4}{11} & \frac{+5}{14} & \frac{+8}{15} & \frac{+4}{8} & \frac{+6}{13} & \frac{+4}{7}\end{array}$
$\begin{array}{rrrrrrrrrr}5 & 6 & 6 & 2 & 4 & 4 & 3 & 6 & 3 & 5 \\ +6 & \frac{+9}{11} & \frac{+3}{15} & \frac{+8}{9} & \frac{+3}{70} & \frac{+1}{5} & \frac{+2}{5} & \frac{+8}{14} & \frac{+7}{10} & \frac{+4}{9}\end{array}$
$\begin{array}{rrrrrrrrrr}8 & 6 & 2 & 9 & 5 & 9 & 5 & 4 & 9 & 8 \\ \frac{+4}{12} & \frac{+7}{13} & \frac{+6}{8} & \frac{+3}{12} & \frac{+6}{11} & \frac{+2}{11} & \frac{+6}{11} & \frac{+0}{4} & \frac{+4}{13} & \frac{+8}{16}\end{array}$

