Name: $\qquad$ Date: $\qquad$
Quiz name: One Solution, No Solution, Infinite Number Solution

1. What period is your math class?.


Identify whether each equation has one solution, no solution, or an infinite number of solutions.
2. Show your work..
(A) One Solution
(B) No Solution

1. $2 x+2 x+2=4 x+2$

Infinite Number os Solutions

Identify whether each equation has one solution, no solution, or an infinite number of solutions.
3. Show your work..
(A) One Solution

B No Solution
2. $3(x-1)=2 x+9$

Infinite \# of Solutions

Identify whether each equation has one solution, no solution, or an infinite number of solutions.
4. Show your work.
(A) One Solution
(B) No Solution

Infinite \# of Solutions
3. $2 x+8=2(x+4)$

Identify whether each equation has one solution, no solution, or an infinite number of solutions.
5. Show your work..
(A) One Solution
(B) No Solution
$2 x-x+7=x+3+4$
Infinite \# Solution

Identify whether each equation has one solution, no solution, or an infinite number of solutions.
6. Show your work..
(A) One Solution
(B) No Solution
(C) Infinite \# Solution
5. $-2(x+1)=-2 x+5$

Identify whether each equation has one solution, no solution, or an infinite number of solutions.
7. Show your work..

One Solution
No Solution
6. $4 x+2 x+2=3 x-7$

Infinite \# Solution

Identify whether each equation has one solution, no solution, or an infinite number of solutions.
8. Show your work..
(A) One Solution
B No Solution
7. $2(x+2)+3 x=2(x+1)+1$
Infinite \# of Solutions

Identify whether each equation has one solution, no solution, or an infinite number of solutions.
9. Show your work..
(A) One Solution
$\begin{array}{ll}\text { (B) No Solution } & \text { 8. } 4(x-1)=\frac{1}{2}(x-8) \\ \text { (C) Infinite \# of Solutions } & \end{array}$

Identify whether each equation has one solution, no solution, or an infinite number of solutions.
10. Show your work..
(A) One Solution

B No Solution
9. $x+2 x+7=3 x-7$

Infinite \# of Solutions

Identify whether each equation has one solution, no solution, or an infinite number of solutions.
11. Show your work..
(A) One Solution
(B) No Solution
10. $3 x-x+4=4(2 x-1)$
(C) Infinite \# of Solutions

Identify whether each equation has one solution, no solution, or an infinite number of solutions.
12. Show your work..
(A) One Solution

B No Solution 11. $4(2 x+1)=5 x+3 x+9$
Infinite \# of Solutions

Identify whether each equation has one solution, no solution, or an infinite number of solutions.
13. Show your work..
(A) One Solution
(B) No Solution
12. $10+x=5\left(\frac{1}{5} x+2\right)$

Infinite \# of Solution

Identify whether each equation has one solution, no solution, or an infinite number of solutions.
14. Show your work..
(A) One Solution
(B) No Solution
13. $8(x+2)=2 x+16$

Infinite \# of Solutions

Identify whether each equation has one solution, no solution, or an infinite number of solutions.
15. Show your work..

One Solution
No Solution
Infinite \# of Solutions
14. $3+\frac{3}{2} x+4=4 x-\frac{5}{2} x$

Identify whether each equation has one solution, no solution, or an infinite number of solutions.
16. Show your work..
(A) One Solution
(B) No Solution

Infinite \# of Solutions
15. $\frac{3}{2}(2 x+6)=3 x+9$

Identify whether each equation has one solution, no solution, or an infinite number of solutions.
17. Show your work..

A One Solution
(B) No Solution
16. $\frac{1}{2}(2-4 x)+2 x=13$

Identify whether each equation has one solution, no solution, or an infinite number of solutions.
18. Show your work..
(A) One Solution
(B) No Solution
17. $12+2 x-x=9 x+6$
Infinite \# of Solutions

Identify whether each equation has one solution, no solution, or an infinite number of solutions.
19. Show your work..
(A) One Solution
(B) No Solution
18. $4 x+1=2(2 x+3)$

