



50:50



◆ <u>15</u>	<u>\$1 MILLION</u> ◆
<u>14</u>	<u>\$500,000</u>
<u>13</u>	<u>\$250,000</u>
<u>12</u>	<u>\$125,000</u>
<u>11</u>	<u>\$64,000</u>
◆ <u>10</u>	<u>\$32,000</u> ◆
<u>9</u>	<u>\$16,000</u>
<u>8</u>	<u>\$8,000</u>
<u>7</u>	<u>\$4,000</u>
<u>6</u>	<u>\$2,000</u>
◆ <u>5</u>	<u>\$1,000</u> ◆
<u>4</u>	<u>\$500</u>
<u>3</u>	<u>\$300</u>
<u>2</u>	<u>\$200</u>
<u>1</u>	<u>\$100</u>

\$100



Solve each equation. Show your work.

$$2x + 3(x - 4) = 4(2x + 3)$$

50:50



A.

$$x = -8$$

B.

$$x = 8$$

C.

$$x = -2$$

D.

$$x = 2$$



Solve each equation. Show your work.

$$2x + 3(x - 4) = 4(2x + 3)$$

50:50



A. $x = -8$

B. $x = 8$

C. $x = -2$

D. $x = 2$

 $2x + 3(x - 4) = 4(2x + 3)$

\$200



Solve each equation. Show your work.

$$4(x + 2) - 2(x - 4) = 32$$

50:50



A. $x = -8$

B. $x = 8$

C. $x = -2$

D. $x = -2$



Solve each equation. Show your work.

$$4(x + 2) - 2(x - 4) = 32$$

50:50



A. $x = -8$

B. $x = 8$

C. $x = -2$

D. $x = -2$



\$300



Solve each equation. Show your work.

$$3x + 0.5(10x - 6) = 21$$

50:50



A.

$$x = 3$$

B.

$$x = 2$$

C.

$$x = 1$$

D.

$$x = -2$$



Solve each equation. Show your work.

$$3x + 0.5(10x - 6) = 21$$

50:50



A.

$$x = 3$$

B.

$$x = 2$$

C.

$$x = 1$$

D.

$$x = -2$$



\$500



Solve each equation. Show your work.

$$8 - 3(x + 2) = 2(4 - 3x) - 4.5$$

50:50



A.

$$x = \frac{7}{22}$$

B.

$$x = 2$$

C.

$$x = 1$$

D.

$$x = 0.5$$



Solve each equation. Show your work.

$$8 - 3(x + 2) = 2(4 - 3x) - 4.5$$

50:50



A.

$$x = \frac{7}{22}$$

B.

$$x = 2$$

C.

$$x = 1$$

D.

$$x = 0.5$$



\$1,000



Solve each equation. Show your work.

$$\frac{2(2x + 1)}{5} - \frac{x + 2}{3} = \frac{1}{5}$$

50:50



A.

$$x = 1$$

B.

$$x = 2$$

C.

$$x = 3$$

D.

$$x = -1$$



Solve each equation. Show your work.

$$\frac{2(2x + 1)}{5} - \frac{x + 2}{3} = \frac{1}{5}$$

50:50



A.

$$x = 1$$

B.

$$x = 2$$

C.

$$x = 3$$

D.

$$x = -1$$



\$2,000



Express each repeating decimal as a fraction. Show your work.

$$0.\overline{4}$$

50:50



A.

$$x = \frac{23}{90}$$

B.

$$x = \frac{5}{12}$$

C.

$$x = \frac{7}{45}$$

D.

$$x = \frac{4}{9}$$



Express each repeating decimal as a fraction. Show your work.

$$0.\overline{4}$$

50:50



A.

$$x = \frac{23}{90}$$

B.

$$x = \frac{5}{12}$$

C.

$$x = \frac{7}{45}$$

D.

$$x = \frac{4}{9}$$





\$4,000



Express each repeating decimal as a fraction. Show your work.

$$0.1\bar{5}$$

50:50



A.

$$x = \frac{23}{90}$$

B.

$$x = \frac{5}{12}$$

C.

$$x = \frac{1}{30}$$

D.

$$x = \frac{7}{45}$$



Express each repeating decimal as a fraction. Show your work.

$$0.1\bar{5}$$

50:50



A.

$$x = \frac{23}{90}$$

B.

$$x = \frac{5}{12}$$

C.

$$x = \frac{1}{30}$$

D.

$$x = \frac{7}{45}$$



\$8,000



Express each repeating decimal as a fraction. Show your work.

?

$0.0\bar{3}$

50:50



A.

$$x = \frac{1}{30}$$

B.

$$x = \frac{23}{90}$$

C.

$$x = \frac{5}{12}$$

D.

$$x = \frac{7}{45}$$



Express each repeating decimal as a fraction. Show your work.

?

$0.0\bar{3}$

50:50



A.

$$x = \frac{1}{30}$$

B.

$$x = \frac{23}{90}$$

C.

$$x = \frac{5}{12}$$

D.

$$x = \frac{7}{45}$$



\$16,000



Express each repeating decimal as a fraction. Show your work.

$$0.4\overline{16}$$

50:50



A.

$$x = 2$$

B.

$$x = \frac{1}{30}$$

C.

$$x = \frac{4}{9}$$

D.

$$x = \frac{5}{12}$$



Express each repeating decimal as a fraction. Show your work.

$$0.41\bar{6}$$

50:50



A.

$$x = 2$$

B.

$$x = \frac{1}{30}$$

C.

$$x = \frac{4}{9}$$

D.

$$x = \frac{5}{12}$$



\$32,000



What should the value of p be for the equation below to have no solutions?

$$p \cdot x = 5 - 10x$$

A) -10

B) $-\frac{1}{10}$

C) $\frac{1}{10}$

D) 10

50:50



A.

B.

C.

D.



What should the value of p be for the equation below to have no solutions?

$$p \cdot x = 5 - 10x$$

A) -10

B) $-\frac{1}{10}$

C) $\frac{1}{10}$

D) 10

50:50



A.

B.

C.

D.



\$64,000



How many solutions does this equation have?

$$6a - 2 = 2(1 + 3a)$$

- A) none
- B) exactly one
- C) exactly two
- D) infinitely many

50:50



A.

B.

C.

D.



How many solutions does this equation have?

$$6a - 2 = 2(1 + 3a)$$

- A) none
- B) exactly one
- C) exactly two
- D) infinitely many

50:50



A.

B.

C.

D.



\$125,000



Solve for p .

$$\frac{1}{3}(4p - 9) = 8p + 12$$

A) $-\frac{15}{4}$

B) $-\frac{9}{4}$

C) $\frac{9}{4}$

D) $\frac{15}{4}$

50:50



A.

B.

C.

D.



Solve for p .

$$\frac{1}{3}(4p - 9) = 8p + 12$$

A) $-\frac{15}{4}$

B) $-\frac{9}{4}$

C) $\frac{9}{4}$

D) $\frac{15}{4}$

50:50



A.

B.

C.

D.



\$250,000



Solve for x .

$$2.4x + 10 = 9x + 8 - 6.2x$$

A) -5

B) $-\frac{1}{2}$

C) $\frac{1}{2}$

D) 5

50:50



A.

B.

C.

D.



Solve for x.

$$2.4x + 10 = 9x + 8 - 6.2x$$

A) -5

B) $-\frac{1}{2}$

C) $\frac{1}{2}$

D) 5

50:50



A.

B.

C.

D.



\$500,000



Which step is the first *incorrect* step in the solution shown below?

Solve: $6(x + 1) = -5x + 14$

Step 1: $6x + 6 = -5x + 14$

Step 2: $11x + 6 = 14$

Step 3: $11x = 8$

Step 4: $x = -3$

- A) Step 1
- B) Step 2
- C) Step 3
- D) Step 4

50:50



A.

B.

C.

D.



Which step is the first *incorrect* step in the solution shown below?

Solve: $6(x + 1) = -5x + 14$

Step 1: $6x + 6 = -5x + 14$

Step 2: $11x + 6 = 14$

Step 3: $11x = 8$

Step 4: $x = -3$

- A) Step 1
- B) Step 2
- C) Step 3
- D) Step 4

50:50



A.

B.

C.

D.



\$1 MILLION



Solve for x .

$$\frac{3}{2}x - 11 + x = 4x - 2$$

- A) -6
- B) $-\frac{9}{2}$
- C) 6
- D) 18



A.

B.

C.

D.



Solve for x.

$$\frac{3}{2}x - 11 + x = 4x - 2$$

- A) -6
- B) $-\frac{9}{2}$
- C) 6
- D) 18



A.

B.

C.

D.

