

Name: Jaylance

Exit Ticket

1. Solve for x.

6
12
18
24
30

$$\begin{array}{r} 05 \\ 6 \overline{) 30} \\ \underline{30} \\ 0 \end{array}$$

$$\begin{array}{r} \text{6x} \quad 24 \\ 3(2x + 8) = 54 \\ \underline{6x + 24} \quad 54 \\ -24 \end{array}$$

$$\begin{array}{r} 54 \\ -24 \\ \hline 30 \end{array}$$

$$\begin{array}{r} \text{6x} = 30 \\ \text{6x} \\ \hline \text{6} \\ \hline x = 5 \end{array}$$

2. What value of x makes this equation true?

- (A) - 4
- (B) - 2
- (C) 2
- (D) 6

$$\begin{array}{r} 14 \\ 7(x - 2) = 5x - 10 \\ \underline{7x - 14} \quad 5x - 10 \\ -5x \quad -5x \\ \underline{2x - 14} \quad -10 \end{array}$$

Name: Victoria

Exit Ticket

1. Solve for x.

$$3(2x + 8) = 54$$

$$\begin{array}{r|l} 6x + 24 & 54 \\ -24 & -24 \\ \hline & 30 \end{array}$$

$$\div 6 \quad \left(\begin{array}{l} 6x \\ 30 \end{array} \right) \div 6$$

$$\boxed{x = 6}$$

2. What value of x makes this equation true?

(A) - 4
(B) - 2
(C) 2
(D) 6

$$7(x - 2) = 5x - 10$$

$$\begin{array}{r|l} 7x - 14 & 5x - 10 \\ -5x + 14 & +14 \\ \hline 2x & 0 \end{array}$$

$$\div 2 \quad \left(\begin{array}{l} 2x \\ 4 \end{array} \right) \div 2$$

$$\boxed{x = 2}$$

Name: Kierstin

Exit Ticket

1. Solve for x.

$$\begin{array}{r}
 3(2x + 8) = 54 \\
 6x + 24 = 54 \\
 -24 \quad -24 \\
 \hline
 6x = 30 \\
 -6x \quad -6x \\
 \hline
 \boxed{x = 5}
 \end{array}$$

2. What value of x makes this equation true?

- ~~(A) - 4~~
- (B) - 2
- ~~(C) 2~~
- ~~(D) 6~~

$$\begin{array}{r}
 7(x - 2) = 5x - 10 \\
 7x - 14 = 5x - 10 \\
 -7x \quad -7x \\
 \hline
 -14 = 2x - 10 \\
 +10 \quad +10 \\
 \hline
 -4 = 2x - 10 \\
 +10 \quad +10 \\
 \hline
 -4 = -2
 \end{array}$$

$$\begin{array}{r}
 -4 = -2 \\
 \div 2 \quad \div 2 \\
 \hline
 -2 = -2
 \end{array}$$

$$\boxed{x = -2}$$

Name: Jafar 

Exit Ticket

1. Solve for x.

$$\begin{array}{r}
 3(2x + 8) = 54 \\
 6x + 24 \quad -24 \\
 \hline
 6x \quad -24 \\
 \hline
 6x = 30 \\
 \div 6 \\
 x = 5
 \end{array}$$

2. What value of x makes this equation true?

- ~~(A) -4~~
- (B) -2
- ~~(C) 2~~
- ~~(D) 6~~

$$\begin{array}{r}
 7(x - 2) = 5x - 10 \\
 7x - 14 \quad -5x + 10 \\
 \hline
 2x - 4 \\
 \hline
 2x - 4 \quad -2x + 4 \\
 \hline
 -4 + 4 \\
 \hline
 0 = 0
 \end{array}$$

Name: Justin

Exit Ticket

1. Solve for x.

$$3(2x + 8) = 54$$

$$\begin{array}{r|l} 6x + 24 = 54 & \\ -24 & -24 \\ \hline 6x = 30 & \\ \div 6 & \div 6 \end{array}$$

$$x = 5$$

2. What value of x makes this equation true?

$$7(x - 2) = 5x - 10$$

- (A) - 4
(B) - 2
(C) 2
(D) 6

$$\begin{array}{r|l} 7x - 14 = 5x - 10 & \\ -5x & -5x \\ \hline 2x - 14 = -10 & \\ +10 & +10 \end{array}$$

$$2x = 4$$

$$\div 2 \div 2$$

$$x = 2$$

Name: Cameron

Exit Ticket

1. Solve for x.

$$3(2x + 8) = 54$$

Handwritten work for problem 1:

$$6x + 24 = 54$$

$$6x = 30$$

$$x = 5$$

2. What value of x makes this equation true?

$$7(x - 2) = 5x - 10$$

(A) - 4

(B) - 2

(C) 2

(D) 6

Handwritten work for problem 2:

$$7x - 14 = 5x - 10$$

Handwritten work for problem 2 (continued):

$$7x = 5x + 4$$

$$-5x \quad -5x$$

Handwritten work for problem 2 (continued):

$$2x = 4$$

Handwritten work for problem 2 (continued):

$$x = 2$$

Name: Charvonne

Exit Ticket

1. Solve for x.

$$3(2x + 8) = 54$$

$$\begin{array}{r} 6x + 24 = 54 \\ -24 \quad -24 \\ \hline 6x = 30 \\ \div 6 \quad \div 6 \\ \hline x = 5 \end{array}$$

2. What value of x makes this equation true?

$$7(x - 2) = 5x - 10$$

(A) - 4

(B) - 2

(C) 2

(D) 6

$$\begin{array}{r} 7x - 14 = 5x - 10 \\ +14 \quad +14 \\ \hline 7x - 4 = 5x - 10 \\ -5x \quad -5x \\ \hline 2x - 4 = -10 \\ +4 \quad +4 \\ \hline 2x = -6 \\ \div 2 \quad \div 2 \\ \hline x = -3 \end{array}$$

Name: _____

Joely



Exit Ticket

1. Solve for x.

$$3(2x + 8) = 54$$

$$\begin{array}{r} 6x + 24 = 54 \\ -24 \quad -24 \\ \hline 6x = 30 \end{array}$$

$$\frac{30}{6} = 5 = x$$

2. What value of x makes this equation true?

$$7(x - 2) = 5x - 10$$

(A) - 4

(B) - 2

(C) 2

(D) 6

$$\begin{array}{r} 7x - 14 = 5x - 10 \\ +10 \quad +10 \\ \hline 7x - 4 = 5x \\ -7x \quad -7x \\ \hline -4 = -2x \end{array}$$

$$\frac{-4}{-2} = -2 = x$$

Name: _____

Kaiden



Exit Ticket

1. Solve for x.

$$3(2x + 8) = 54$$

$$6x + 24 = 54$$

$$-24 \quad -24$$

$$6x = 30$$

$$\div 6 \quad \div 6$$

$$x = 5$$

2. What value of x makes this equation true?

$$7(x - 2) = 5x - 10$$

$$7x + -14 = 5x + -10$$

$$+14 \quad +14$$

$$7x = 5x + 4$$

$$-5x \quad -5x$$

$$2x = 4$$

$$\div 2 \quad \div 2$$

$$x = 2$$

~~(A) - 4~~

~~(B) - 2~~

(C) 2

~~(D) 6~~

Name: Jason



Date: 9/30/24

Exit Ticket

1. Solve for x.

$$3(2x + 8) = 54$$

$$\cancel{3}x + 24 = \cancel{54}$$

$$-24 \quad -24$$

$$x = 2$$

$$\begin{array}{r} 24 \\ \times 2 \\ \hline 48 \end{array}$$

2. What value of x makes this equation true?

- (A) -4
- ~~(B) -2~~
- ~~(C) 2~~
- ~~(D) 6~~

$$7(x - 2) = 5x - 10$$

$$\cancel{7}x - 14 = \cancel{5}x - 10$$

$$-3 \quad -2$$

$$\cancel{3}x - 14 = -10$$

$$+14 \quad +14$$

$$x = -4$$

-4 makes the equation true

Name:



Exit Ticket

1. Solve for x.

$$3(2x + 8) = 54$$

$$\begin{array}{r} 6x + 24 = 54 \\ - 24 \quad - 24 \\ \hline \end{array}$$

$$\begin{array}{r} 6x = 30 \\ \div 6 \quad \div 6 \\ \hline \end{array}$$

x = 5

CHECK MY WORK

$$3 \times 2 \times 5 + 8 \times 3$$

$$30 + 24$$

$$30 + 24 = 54$$

x = 5

2. What value of x makes this equation true?

$$7(x - 2) = 5x - 10$$

~~(A) - 4~~

~~(B) - 2~~

(C) 2

~~(D) 6~~

$$\begin{array}{r} 7x - 14 = 5x - 10 \\ - 5x \quad - 5x \\ \hline \end{array}$$

$$7(2 - 2) = 5(2) - 10$$

$$14 - 14 = 10 - 10$$

$$2x - 14 = -10$$

$$\begin{array}{r} + 14 \quad + 14 \\ \hline \end{array}$$

$$\begin{array}{r} 2x = 4 \\ \div 2 \quad \div 2 \\ \hline \end{array}$$

5

x = 2

x = 2

Name: Fransy O

Exit Ticket

1. Solve for x.

$$3(2x + 8) = 54$$

$$\begin{array}{r} 6x + 24 = 54 \\ -24 \\ \hline 6x = 30 \\ \div 6 \\ \hline x = 5 \end{array}$$

$x = 5$

2. What value of x makes this equation true?

$$7(x - 2) = 5x - 10$$

- ~~(A) 4~~
- ~~(B) -2~~
- (C) 2
- ~~(D) 6~~

$$\begin{array}{r} 7x - 14 = 5x - 10 \\ -7x \\ \hline -14 = -2x - 10 \\ +10 \\ \hline -4 = -2x \end{array}$$

$$\begin{array}{r} -4 = -2x \\ \div -2 \\ \hline 2 = x \end{array}$$

$2 = x$

Name: Trevaughn



Exit Ticket

1. Solve for x.

$$\begin{array}{r}
 3(2x + 8) = 54 \\
 6x + 24 = 54 \\
 \underline{-24} \quad \underline{-24} \\
 6x = 30 \\
 \div 6 \quad \div 6 \\
 \hline
 x = 5
 \end{array}$$

2. What value of x makes this equation true?

(A) - 4

(B) - 2

(C) 2

(D) 6

$$\begin{array}{r}
 7(x - 2) = 5x - 10 \\
 7x - 14 = 5x - 10 \\
 \underline{-5} \quad \underline{-5} \\
 2x - 14 = -10 \\
 \underline{+14} \quad \underline{+14} \\
 2x = 4 \\
 \div 2 \quad \div 2 \\
 \hline
 x = 2
 \end{array}$$

Name: Peculiar 

Exit Ticket

1. Solve for x.

$$3(2x + 8) = 54$$

$$\begin{array}{r} 6x + 24 = 54 \\ -24 \quad -24 \\ \hline 6x = 30 \\ \div 6 \quad \div 6 \\ \hline 1x = 5 \end{array}$$

$$\boxed{x = 5}$$

2. What value of x makes this equation true?

$$7(x - 2) = 5x - 10$$

(A) - 4

(B) - 2

(C) 2

(D) 6

$$\begin{array}{r} 7x - 14 = 5x - 10 \\ -5x \quad -5x \\ \hline 2x - 14 = -10 \\ +14 \quad +14 \\ \hline 2x = 4 \\ \div 2 \quad \div 2 \\ \hline 1x = 2 \end{array}$$

$$\boxed{x = 2}$$

Name: Jubon

Exit Ticket

1. Solve for x.

$$3(2x + 8) = 54$$

$$\begin{array}{r|l} \sqrt{} & 6x + 24 = 54 \\ \hline & -24 \\ \hline & 6x = 30 \\ & \div 6 \\ \hline & x = 5 \end{array}$$

6 12 18 24 30

2. What value of x makes this equation true?

(A) -4
(B) -2
(C) 2
(D) 6

$$7(x - 2) = 5x - 10$$

$$\begin{array}{r|l} \sqrt{} & 7x - 14 = 5x - 10 \\ \hline -5x & -5x \\ \hline & 2x - 14 = -10 \\ & +14 \\ \hline & 2x = 4 \\ & \div 2 \\ \hline & x = 2 \end{array}$$

Name: Hany

Exit Ticket

1. Solve for x.

$$3(2x + 8) = 54$$

$$\begin{array}{r} 6x + 24 = 54 \\ -24 \quad -24 \\ \hline 6x = 30 \\ \div 6 \quad \div 6 \\ \hline x = 5 \end{array}$$

2. What value of x makes this equation true?

$$7(x - 2) = 5x - 10$$

- (A) -4
(B) -2
(C) 2
(D) 6

$$\begin{array}{r} 7x - 14 = 5x - 10 \\ -5x \quad -5x \\ \hline 2x - 14 = -10 \\ +14 \quad +14 \\ \hline 2x = 4 \\ \div 2 \quad \div 2 \\ \hline x = 2 \end{array}$$

Name: Milani

Exit Ticket

1. Solve for x.

$$3(2x + 8) = 54$$

$$\begin{array}{r} 6x + 24 = 54 \\ -24 \quad -24 \\ \hline 6x = 30 \\ \div 6 \quad \div 6 \\ \hline x = 5 \end{array}$$

2. What value of x makes this equation true?

$$7(x - 2) = 5x - 10$$

(A) - 4

(B) - 2

(C) 2

(D) 6

$$\begin{array}{r} 7x - 14 = 5x - 10 \\ -5x \quad -5x \\ \hline 2x - 14 = -10 \\ +14 \quad +14 \\ \hline 2x = 4 \\ \div 2 \quad \div 2 \\ \hline x = 2 \end{array}$$

Name: Lex 

Exit Ticket

1. Solve for x.

$$\begin{array}{r}
 3(2x + 8) = 54 \\
 \curvearrowright \\
 6x + 24 = 54 \\
 \underline{-24} \quad \underline{-24} \\
 6x = 30 \\
 \underline{6} \quad \underline{6} \\
 x = 5
 \end{array}$$

$$\begin{aligned}
 3(2(5) + 8) &= 54 \\
 3(10 + 8) &= 54 \\
 3(18) &= 54 \\
 54 &= 54
 \end{aligned}$$

2. What value of x makes this equation true?

- ~~(A) - 4~~
- ~~(B) - 2~~
- (C) 2
- ~~(D) 6~~

$$\begin{array}{r}
 7(x - 2) = 5x - 10 \\
 \curvearrowright \\
 7x - 14 = 5x - 10 \\
 \underline{-5x} \quad \underline{-5x} \\
 2x - 14 = -10 \\
 \underline{+10} \quad \underline{+10} \\
 2x - 4 = 0 \\
 \underline{-2} \quad \underline{-2} \\
 x - 4 = 0 \\
 \underline{+4} \quad \underline{+4} \\
 x = 4
 \end{array}$$

