

Name:

Date: Score:

Linear Equations Worksheet

Solve the given equations

1 $x + 6 = 9$

2 $3(x - 2) = 6$

3 $10 - x = 6$

4 $-y = -12$

5 $6 - \frac{x}{4} = -\frac{x}{4}$

6 $-5x = -7 + 2x$

7 $n - 4n = 14 - 3n$

8 $\frac{1}{7}x = 2$

9 $4x = -32$

10 $4 = -2(x + 3)$

11 $\frac{x}{3} = -9$

12 $-\frac{9}{6}x = -40$

13 $-2x - 6x = 1$

14 $10x - x = -9$

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Linear Equations Worksheet

Answers

1 $x + 6 = 9$

$x = 3$

3 $10 - x = 6$

$x = 4$

5 $6 - \frac{x}{4} = -\frac{x}{4}$

No Solution

7 $n - 4n = 14 - 3n$

No Solution

9 $4x = -32$

$x = -8$

11 $\frac{x}{3} = -9$

$x = -27$

13 $-2x - 6x = 1$

$x = -\frac{1}{8}$

2 $3(x - 2) = 6$

$x = 4$

4 $-y = -12$

$y = 12$

6 $-5x = -7 + 2x$

$x = 1$

8 $\frac{1}{7}x = 2$

$x = 14$

10 $4 = -2(x + 3)$

$x = -5$

12 $-\frac{9}{6}x = -40$

$x = 26.66$

14 $10x - x = -9$

$x = -1$