

Name:

Date: Score:

Simple Linear Equations Worksheet

Solve for each variable

1 $-3x - 4 = 2$

2 $3p - 2 = -26$

3 $-2v + (-1) = -13$

4 $-3a - (-1) = -5$

5 $-2y - 8 = -16$

6 $7r + 7 = 13 + 6r$

7 $3(x + 4) = 12$

8 $3(x - 3) = 4(x + 1)$

9 $18 - 8x = -3$

10 $3x - \frac{1}{3} = 5$

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Simple Linear Equations Worksheet

Answers

1 $-3x - 4 = 2$

$x = -2$

2 $3p - 2 = -26$

$p = -8$

3 $-2v + (-1) = -13$

$v = 6$

4 $-3a - (-1) = -5$

$a = 2$

5 $-2y - 8 = -16$

$y = 4$

6 $7r + 7 = 13 + 6r$

$r = 6$

7 $3(x + 4) = 12$

$n = 0$

8 $3(x - 3) = 4(x + 1)$

$x = -13$

9 $18 - 8x = -3$

$x = 2\frac{5}{8}$

10 $3x - \frac{1}{3} = 5$

$x = 1\frac{7}{9}$