

Name : _____

Two-Step Equations: Negative Numbers

Solve the given equations.

1 $5x + 15 = -5$

2 $2x - 9 = -21$

3 $-9p + 4 = 22$

4 $\frac{w}{8} - 3 = -8$

5 $6(x - 1) = -18$

6 $3(2 + f) = -15$

7 $\frac{3}{4}(4x + 8) = -12$

8 $-4(3x + 2) = 16$

9 $\frac{x}{3} - 2 = -4$

10 $9x - (-4) = -23$

Name : _____

Two-Step Equations: Negative Numbers

Answers

1 $5x + 15 = -5$

$x = -4$

3 $-9p + 4 = 22$

$p = -2$

5 $6(x - 1) = -18$

$x = -2$

7 $\frac{3}{4}(4x + 8) = -12$

$x = -6$

9 $\frac{x}{3} - 2 = -4$

$x = -6$

2 $2x - 9 = -21$

$x = -6$

4 $\frac{w}{8} - 3 = -8$

$w = -40$

6 $3(2 + f) = -15$

$f = -7$

8 $-4(3x + 2) = 16$

$x = -2$

10 $9x - (-4) = -23$

$x = -3$