

Name : _____

One and Two-Step Equations

Solve the given one-step equations.

1 $x + 4 = -12$

$\Rightarrow x = -12 - 4$

$\Rightarrow x = -16$

2 $22 - y = -44$

3 $15 + p = 25$

4 $12 = \frac{k}{4}$

5 $28 = -7n$

6 $-5 = \frac{a}{9}$

7 $-7 + m = 18$

8 $-204 = 2x$

Solve the given two-step equations.

9 $\frac{a - 10}{3} = -4$

$\Rightarrow a - 10 = -12$

$\Rightarrow a = -12 + 10$

$\Rightarrow a = -2$

10 $\frac{x}{2} + 8 = 2$

11 $-1 - \frac{y}{8} = -7$

12 $-2 + \frac{x}{3} = 10$

Name :

One and Two-Step Equations

Answers

1 $x + 4 = -12$

$\Rightarrow x = -12 - 4$

$\Rightarrow x = -16$

2 $22 - y = -44$

$y = 66$

3 $15 + p = 25$

$p = 10$

4 $12 = \frac{k}{4}$

$k = 48$

5 $28 = -7n$

$n = -4$

6 $-5 = \frac{a}{9}$

$a = -45$

7 $-7 + m = 18$

$m = 25$

8 $-204 = 2x$

$x = -102$

9 $\frac{a - 10}{3} = -4$

$\Rightarrow a - 10 = -12$

$\Rightarrow a = -12 + 10$

$\Rightarrow a = -2$

10 $\frac{x}{2} + 8 = 2$

$x = -12$

11 $-1 - \frac{y}{8} = -7$

$y = 48$

12 $-2 + \frac{x}{3} = 10$

$x = 36$