

Name : _____

Solving Two-Step Equations Worksheet

Find the value of the unknown variable from the given equations.

1 $6 + \frac{x}{2} = 4$

$x =$ _____

2 $-12x + 4 = 100$

$x =$ _____

3 $-9 = -11 + \frac{x}{8}$

$x =$ _____

4 $-2(d + 6) = -10$

$d =$ _____

5 $5(4x + 12) = 40$

$x =$ _____

6 $42 + 5t = 8t$

$t =$ _____

7 $\frac{1}{3}c - 7 = 1$

$c =$ _____

8 $\frac{k}{-3} + 3 = -2$

$k =$ _____

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Answers.

1 $6 + \frac{x}{2} = 4$

$x = \underline{-4}$

2 $-12x + 4 = 100$

$x = \underline{-8}$

3 $-9 = -11 + \frac{x}{8}$

$x = \underline{16}$

4 $-2(d + 6) = -10$

$d = \underline{-1}$

5 $5(4x + 12) = 40$

$x = \underline{-1}$

6 $42 + 5t = 8t$

$t = \underline{14}$

7 $\frac{1}{3}c - 7 = 1$

$c = \underline{24}$

8 $\frac{k}{-3} + 3 = -2$

$k = \underline{15}$