

Name : _____

Solving Two-Step Equations Worksheet

Find x.

1 $\frac{x}{2} + 8 = 3$

x = _____

2 $\frac{x+7}{9} = 12$

x = _____

3 $\frac{x}{4} - 4 = 12$

x = _____

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

x = _____

5 $\frac{1}{6}x - 1 = 5$

x = _____

6 $\frac{x+4}{3} = \frac{2}{9}$

x = _____

7 $\frac{x}{-4} - 5 = -8$

x = _____

8 $-10 = x - 4$

x = _____

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Answers

1 $\frac{x}{2} + 8 = 3$

x = -10

2 $\frac{x+7}{9} = 12$

x = 101

3 $\frac{x}{4} - 4 = 12$

x = 64

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

x = -4

5 $\frac{1}{6}x - 1 = 5$

x = 36

6 $\frac{x+4}{3} = \frac{2}{9}$

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

7 $\frac{x}{-4} - 5 = -8$

x = 12

8 $-10 = x - 4$

x = -6