

Solving 2-Step Equations - Set 1

TSE 1

Instructions: Solve each equation.

1 $4x + 7 = 15$
 $\quad -7 \quad -7$
 $\quad \frac{4x}{4} = \frac{8}{4}$
 $\quad x = 2$

2 $2x - 4 = 10$

3 $6 + 3x = 15$

4 $25 = 4 + 7x$

5 $41 = 8x - 23$

6 $5x - 12 = 18$

7 $9x + 7 = 88$

8 $25 = 3x - 8$

9 $1 + 10x = 91$

10 $16 = 12 + 4x$

Solving 2-Step Equations - Set 2

TSE 2

Instructions: Solve each equation.

1
$$\frac{x}{4} + 5 = 12$$
$$\phantom{\frac{x}{4} +} \underset{-5}{-5} \underset{-5}{-5}$$
$$(\cancel{4}) \frac{x}{\cancel{4}} = 7(\cancel{4})$$
$$x = 28$$

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

3
$$\frac{x}{6} + 15 = 20$$

4
$$35 = 11 + 6x$$

5
$$5x + 20 = 75$$

6
$$8 + \frac{x}{9} = 14$$

7
$$11 = \frac{x}{2} - 7$$

8
$$4x - 11 = 5$$

9
$$21 = 21 + 7x$$

10
$$\frac{x}{12} - 9 = 1$$