

# Basic Algebra

Grades 7-8 • Solving one-step algebraic equations

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1. Solve for  $x$ :  $4x = 36$

Answer: \_\_\_\_\_

2. Solve for  $x$ :  $x/6 = 5$

Answer: \_\_\_\_\_

3. Solve for  $x$ :  $x/7 = 15$

Answer: \_\_\_\_\_

4. Solve for  $x$ :  $4x = 52$

Answer: \_\_\_\_\_

5. Solve for  $x$ :  $x + 13 = 34$

Answer: \_\_\_\_\_

6. Solve for  $x$ :  $3x = 27$

Answer: \_\_\_\_\_

7. Solve for  $x$ :  $5x = 30$

Answer: \_\_\_\_\_

8. Solve for  $x$ :  $11x = 22$

Answer: \_\_\_\_\_

9. Solve for  $x$ :  $9x = 72$

Answer: \_\_\_\_\_

10. Solve for  $x$ :  $x/6 = 2$

Answer: \_\_\_\_\_



## Answer Key

1.	Solve for x: $4x = 36$	<b>9</b>
2.	Solve for x: $x/6 = 5$	<b>30</b>
3.	Solve for x: $x/7 = 15$	<b>105</b>
4.	Solve for x: $4x = 52$	<b>13</b>
5.	Solve for x: $x + 13 = 34$	<b>21</b>
6.	Solve for x: $3x = 27$	<b>9</b>
7.	Solve for x: $5x = 30$	<b>6</b>
8.	Solve for x: $11x = 22$	<b>2</b>
9.	Solve for x: $9x = 72$	<b>8</b>
10.	Solve for x: $x/6 = 2$	<b>12</b>