

Basic Algebra

Grades 7-8 • Solving one-step algebraic equations

Name: _____

Date: _____

1. Solve for x : $x/4 = 12$

Answer: _____

2. Solve for x : $x/7 = 12$

Answer: _____

3. Solve for x : $x + 9 = 41$

Answer: _____

4. Solve for x : $x - 17 = 24$

Answer: _____

5. Solve for x : $5x = 20$

Answer: _____

6. Solve for x : $x/8 = 7$

Answer: _____

7. Solve for x : $12x = 180$

Answer: _____

8. Solve for x : $12x = 36$

Answer: _____

9. Solve for x : $3x = 36$

Answer: _____

10. Solve for x : $x - 6 = 28$

Answer: _____

Answer Key

1.	Solve for x: $x/4 = 12$	48
2.	Solve for x: $x/7 = 12$	84
3.	Solve for x: $x + 9 = 41$	32
4.	Solve for x: $x - 17 = 24$	41
5.	Solve for x: $5x = 20$	4
6.	Solve for x: $x/8 = 7$	56
7.	Solve for x: $12x = 180$	15
8.	Solve for x: $12x = 36$	3
9.	Solve for x: $3x = 36$	12
10.	Solve for x: $x - 6 = 28$	34