

Intermediate Algebra Worksheet

Solving Equations

Multi Steps

Solve These Equations.

Answers

1. $2x - 5 = -x - 2$

$$\underline{x = 1}$$

2. $3x - 5 = -2x + 20$

$$\underline{x = 5}$$

3. $3x + 1 = 5x - 19$

$$\underline{x = 10}$$

4. $3(x - 6) = 2x + 6$

$$\underline{x = 24}$$

5. $5x - 2 - 3x = 3(x - 1) - 8$

$$\underline{x = 9}$$

6. $-2(x + 3) = 4(x + 6)$

$$\underline{x = -5}$$

7. $(2x - 3) = 4(x - 2) - 3x$

$$\underline{x = -5}$$

8. $2(2x - 3) = 3(x + 1)$

$$\underline{x = 9}$$

9. $2x + 5 = -4x - 7$

$$\underline{x = -2}$$

10. $4(x - 1) = 16$

$$\underline{x = 5}$$