

# Adding/Subtracting Algebra One Step Problems Worksheet 1 Answer Key

Show All Algebra Steps neatly using the spaces below.

1.  $X - 5 = 13$

$$X - 5 + 5 = 13 + 5$$

$$X = 18$$

2.  $X + 5 = -13$

$$X + 5 - 5 = -13 - 5$$

$$X = -18$$

3.  $X - 3 = 12.3$

$$X - 3 + 3 = 12.3 + 3$$

$$X = 15.3$$

4.  $X + 3 = -12.3$

$$X + 3 - 3 = -12.3 - 3$$

$$X = -15.3$$

5.  $C - 2.2 = 10$

$$C - 2.2 + 2.2 = 10 + 2.2$$

$$C = 12.2$$

6.  $C - 2.2 = -10$

$$C - 2.2 + 2.2 = -10 + 2.2$$

$$C = -7.8$$

7.  $2.2 + C = 12$

$$2.2 - 2.2 + C = 12 - 2.2$$

$$C = 9.8$$

8.  $-2.2 + C = 12$

$$-2.2 + 2.2 + C = 12 + 2.2$$

$$C = 14.2$$

9.  $15 + B = 9$

$$15 - 15 + B = 9 - 15$$

$$B = -6$$

10.  $15 + B = 9.5$

$$15 - 15 + B = 9.5 - 15$$

$$B = -5.5$$

11.  $-15 + B = 9.5$

$$-15 + 15 + B = 9.5 + 15$$

$$B = 24.5$$

12.  $-15 + B = -9.5$

$$-15 + 15 + B = -9.5 + 15$$

$$B = 5.5$$

13.  $-12 + D = -10.1$

$$-12 + 12 + D = -10.1 + 12$$

$$D = 1.9$$

14.  $-12 + D = 10$

$$-12 + 12 + D = 10 + 12$$

$$D = 22$$

15.  $12 + D = 15$

$$12 - 12 + D = 15 - 12$$

$$D = 3$$

16.  $12 + D = 15.5$

$$12 - 12 + D = 15.5 - 12$$

$$D = 3.5$$

17.  $D - 2.1 = 5$

$$D - 2.1 + 2.1 = 5 + 2.1$$

$$D = 7.1$$

18.  $D - 2.1 = -5$

$$D - 2.1 + 2.1 = -5 + 2.1$$

$$D = -2.9$$

19.  $X - 5.5 = 8$

$$X - 5.5 + 5.5 = 8 + 5.5$$

$$X = 13.5$$

20.  $X + 5.5 = 8$

$$X + 5.5 - 5.5 = 8 - 5.5$$

$$X = 2.5$$

21.  $X + 5.5 = -12$

$$X + 5.5 - 5.5 = -12 - 5.5$$

$$X = -17.5$$

22.  $G - 23 = 2.4$

$$G - 23 + 23 = 2.4 + 23$$

$$G = 25.4$$

23.  $G + 23 = 24$

$$G + 23 - 23 = 24 - 23$$

$$G = 1$$

24.  $B + 26 = -3$

$$B + 26 - 26 = -3 - 26$$

$$B = -29$$

25.  $B - 6 = 4.4$

$$B - 6 + 6 = 4.4 + 6$$

$$B = 10.4$$