

Addition and Multiplication Principles Combined  
Extra Problems

1.  $7x + 3 = 24$

14.  $14x + 5 - 17x = 2x - 7$

2.  $2z - 1 = 15$

15.  $13 - 12x = 25$

3.  $-3x + 7 = -11$

16.  $-8v - 15 = 1$

4.  $9w - 4 = 77$

17.  $-.12w + .14 = .38$

5.  $-5q + 4 = -19$

18.  $-7(-3x + 4) = 14$

6.  $6p - 3 = 51$

19.  $6r - (3r - 7) = 16$

7.  $2t - 5t = -27$

20.  $\frac{5}{4}w - \frac{1}{4} = \frac{3}{4}w + \frac{1}{4}$

8.  $15a + 5 = 13a - 9$

21.  $-1.2s - 14.7 = 46.8s + 10.7$

9.  $\frac{1}{2}d + 3d = -49$

22.  $1.5q + 2.5q = 7.0$

10.  $10 - 12x = -6x + 2x + 15$

23.  $-\frac{1}{3}x - \frac{2}{3}x = 15$

11.  $\frac{2}{3}t + 5 = \frac{2}{6}$

24.  $\frac{2}{5}d - \frac{3}{5} = \frac{1}{5}d - \frac{4}{5}$

12.  $1.2x - 5.1 = -4.5$

25.  $2w - 3 = 5$

13.  $4(2x - 7) = -14$

26.  $14z - 21 = -35$