

Test 1 Review

Solve each equation.

1) $-3x + 3 - 4x = -4$

2) $4 + 4v + 1 = 9$

3) $7 + 6n - 6 = -17$

4) $7p - 2p = 10$

5) $-4n + 32 = 4n + 6(7n - 3)$

6) $30 - 5k = -8(2k - 1)$

7) $-8\left(r + \frac{39}{8}\right) = -53$

8) $-\frac{13}{8}\left(x + \frac{1}{6}\right) = -\frac{689}{240}$

$$9) -1.526 = 0.5(3.4x + 3)$$

$$10) 23.214 = 4.38(x + 4.5)$$

$$11) -7(p + 1) = 4(8 + 8p)$$

$$12) 2(x - 6) = -4(x - 6)$$

$$13) 8x + 7x = 5(x - 2) + 4(6 - x)$$

$$14) -8(n + 1) = -2(n - 2)$$

$$15) -\frac{15}{4}\left(x + \frac{1}{3}\right) + \frac{5}{4}x = 2\left(\frac{1}{4}x + 1\right)$$

$$16) -\frac{15}{4}\left(-\frac{3}{2}x + \frac{2}{3}\right) = 2\left(x - \frac{5}{4}\right) + \frac{3}{2}$$

$$17) -\frac{1}{2}\left(\frac{9}{4}r + \frac{2}{3}\right) = -\frac{3}{2}\left(\frac{4}{3}r - \frac{5}{2}\right)$$