

Assignment

Date _____ Period _____

Solve each equation.

1) $2 + 5k = k + 6$

2) $7x + 2x = 8x + 8$

3) $1 + 2x = 5(x - 4)$

4) $-2(1 + b) = 38 + 6b$

5) $-2(6x - 4) = -11 + 7x$

6) $3 - a + 5 = 2(8a - 4) - 4(-4 + 3a)$

7) $-3(n + 8) = -6(n + 7)$

8) $-8(r + 5) - 2(6 + r) = -r - 5r$

9) $-1.3b + 2.6(-0.5b + 2.9) = -1.2b + 4.04$

10) $2.7x + 1.7(-0.5x + 2.9) = 8.59 - 1.2x$

11) $-5.75 - 2x = 2.6 + 0.7(-0.8 + 3x)$

12) $-\frac{22}{3} + 2x = -3\left(-x + \frac{4}{3}\right)$

13) $2\left(2x + \frac{5}{2}\right) + \frac{3}{2}x = x + \frac{29}{4}$

14) $-\frac{31}{18} - \frac{7}{3}x = -\frac{4}{3}\left(x - \frac{4}{3}\right)$