

Assignment

Date _____ Period _____

Solve each equation.

1) $-5r - 7 = -27$

2) $-99 = -7x - 8$

3) $-4 = \frac{v - 4}{5}$

4) $-11 = -10 + \frac{n}{6}$

5) $-10n + 9 = 79$

6) $39 = -1 + 10a$

7) $2a + 8 = 46$

8) $-3 = \frac{-7 + x}{9}$

$$9) \frac{k-8}{3} = 3$$

$$10) 5 = 8 + \frac{x}{3}$$

$$11) 2 + 7(-3v - 5) = -201$$

$$12) 120 = -3(8 - 8v)$$

$$13) -4(-2b + 8) = -96$$

$$14) 115 = -5(-5v + 1) + 5v$$

$$15) -7 - 8(-4 + 2x) = 153$$

$$16) -1 - 6(6 - r) = -85$$

$$17) -109 = 5(2b - 8) + 1$$

$$18) 198 = 6(1 - 4n)$$

$$19) 86 = 2 - 2(6 + 6b)$$

$$20) -402 = 6(8r - 3)$$

$$21) -8(a + 2) + 4(a + 5) = -28$$

$$22) 3(x + 1) + 3(3 + 6x) = 75$$

$$23) -38 = 7(3x - 1) + 5(2 + 4x)$$

$$24) 8(n - 6) - 2(1 - 7n) = -6$$

$$25) -7(1 + 4n) + 5(-7n + 5) = -45$$

$$26) -5(a + 2) - 3(a + 8) = -66$$

$$27) -5(5n + 2) - 7(n - 7) = 7$$

$$28) 8(4v - 7) - 7(2 + 5v) = -70$$

$$29) -72 = 2(8 - n) - 6(-7n + 8)$$

$$30) -65 = -4(1 + 5n) - 7(1 + n)$$

$$31) -1\frac{1}{4} = -1\frac{1}{5}n + \frac{1}{5}n$$

$$32) -2\frac{1}{2}a + a = -1\frac{1}{2}$$

$$33) \frac{27}{4} = \frac{1}{2}x - 3\frac{1}{2}x$$

$$34) 2\frac{1}{6}r + 1 + \frac{3}{2}r = 5\frac{8}{9}$$

$$35) -\frac{5}{6} = -1\frac{1}{2}n + \frac{2}{3}n$$

$$36) \frac{89}{12} = \frac{5}{6}x + 5 + 2$$

$$37) -1\frac{1}{3}v - \frac{5}{4}v = -2\frac{7}{12}$$

$$38) \frac{3}{8} = x + 1\frac{1}{4}x$$

$$39) -\frac{4}{3}n + 2 - 1\frac{2}{3}n = -1\frac{3}{4}$$

$$40) -\frac{6}{5}a - 1\frac{1}{6}a = \frac{71}{30}$$