

Solving Equations AA

Date _____ Period _____

Solve each equation.

1) $-2v - 3(1 - 4v) = -83$

2) $8(-4k - 4) - 2k = 104$

3) $-6(3p + 2) = 96$

4) $8(r + 8) = 112$

5) $-3(7 - 4x) = -81$

6) $-8(1 + 5m) - 7m = 86$

7) $3(8n - 1) = -147$

8) $7(p - 5) = -91$

9) $-6(6n - 2) = 84$

10) $7(-6 - 4b) = 126$

$$11) 17 - n = 8(-5n + 7)$$

$$12) 33 - 3b = -6(1 + 8b) + 6b$$

$$13) 5r + 35 = -5(5 + 5r)$$

$$14) 20 - 2n = 4(n - 4)$$

$$15) -12 - 3x = -4(3 + 5x)$$

$$16) 30 + 5m = -5(6 - 3m)$$

$$17) -5n - 18 = 2(5n + 6)$$

$$18) 8(1 - 6n) - 4 = -5n - 39$$

$$19) 2x - 4 = -2(-3x - 8)$$

$$20) 8 - (4 - 7n) = 4n + 10$$

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{2}