

Equations with Distributive Property: Practice

1) $-12(k + 4) = 60$

2) $\frac{1}{2}(8x - 12) + 3x = 44$

3) $4(16 - x) = -3x + 42$

4) $8(3a + 6) = 9(2a - 4)$

5) a. Solve by distributing first:
 $3(2x - 6) = 36$

b. Solve by dividing by 3 first:
 $3(2x - 6) = 36$

6) Find **& explain** the error in the work shown below for the equation: $5 + 2(x + 3) = 49$. Then solve it the correct way.

$5 + 2(x + 3) = 49$

$7(x + 3) = 49$

$7x + 21 = 49$

$7x = 28$

$x = 4$

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