

Solve. Be sure to simplify first! Show your work.

1) $2(x + 3) = 10$

2) $3(2x - 1) = 9$

3) $2(6 + 2a) = 24$

4) $5(x - 2) = 0$

5) $6(x + 1) = 36$

6) $2(x - 5) = 10$

7) $3(y + 4) = 27$

8) $4(x - 3) = 44$

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9) $x + 3x - 2x = 12$

10) $4a - 2a + a = 42$

11) $s - 3 + 4s = 12$

12) $5x + 2x - 7 = 42$

13) $8 = n + 3n - 24$

14) $46 = 5x + x + 16$

15) $9a + 2 - 6a = 35$

16) $9a - 4a + a = 42$

Solve:

17) $3a = 15$

18) $\frac{x}{4} = 12$

19) $x - 17 = 3$