

Solving Equations with Brackets

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

$$2x - 8 = 12 - 3x$$

$$2x + 3x = 12 + 8$$

$$5x = 20$$

$$\frac{5x}{5} = \frac{20}{5}$$

$$x = 4$$

a) $3(x - 4) = 3(4 - x)$

b) $-(x - 1) = 2(4 + x)$

c) $3(2x + 4) = 16$

d) $5(2x + 10) = 50$