



Check Up

1. Perform the following operations using algebra tiles.

a. $(3x^2 - 4x - 1) + (5x - 3)$

b. $(x^2 + x - 5) - (4x)$

c. $4(2x + 1)$

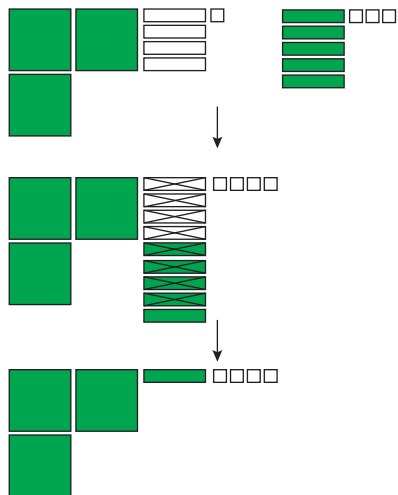
d. $\frac{3x^2 + 9}{3}$



Compare your answers.

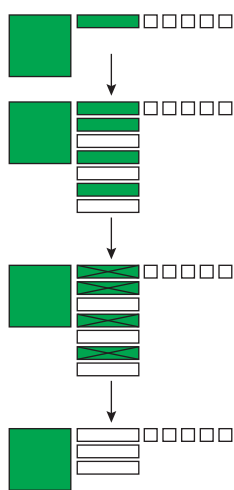
1. Perform the following operations using algebra tiles.

a. $(3x^2 - 4x - 1) + (5x - 3)$



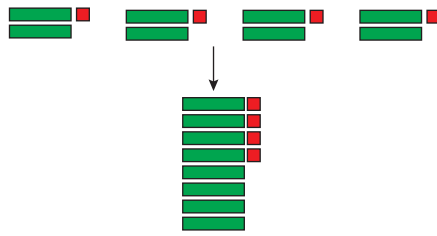
$$(3x^2 - 4x - 1) + (5x - 3) = 3x^2 + x - 4$$

b. $(x^2 + x - 5) - (4x)$



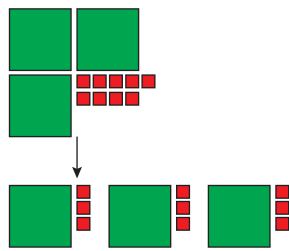
$$(x^2 + x - 5) - (4x) = x^2 - 3x - 5$$

c. $4(2x + 1)$



$$4(2x + 1) = 8x + 4$$

d. $\frac{3x^2 + 9}{3}$



$$\frac{3x^2 + 9}{3} = x^2 + 3$$