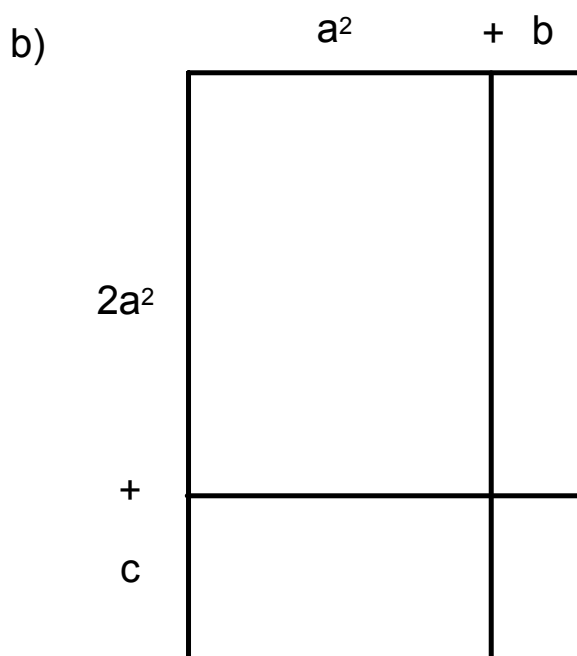
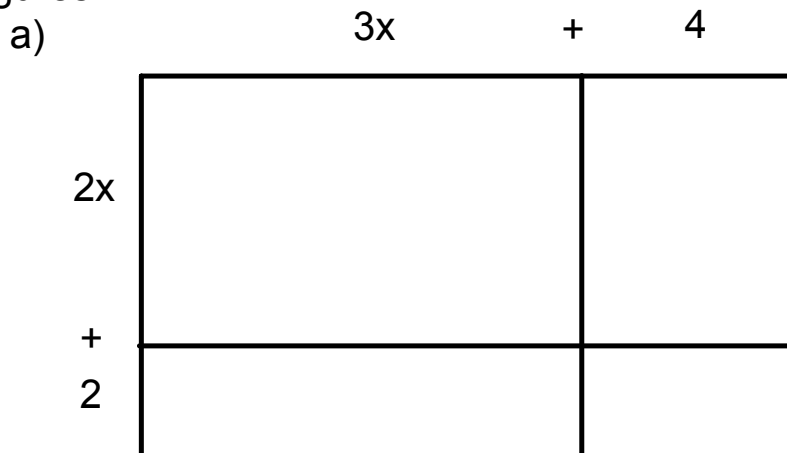


### Multiplying Binomials

1. Give an algebraic expression for the area of the following figures.



2. Expand the following expressions.

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

d)  $(a^2b - 1)(a^2b + 1)$

b)  $(x^2 - 2)(2x^2 - 3)$

e)  $(2x + 3)^2$

c)  $(x - 2)^2$

f)  $(x^2y + a)(yx^2 - a)$

3. Find the volume of a rectangular prism with dimensions  $x + 2$ ,  $2x - 3$ ,  $x$ .