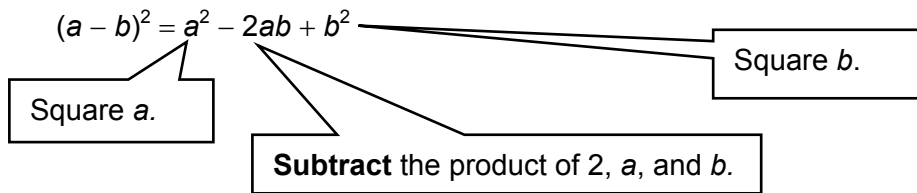
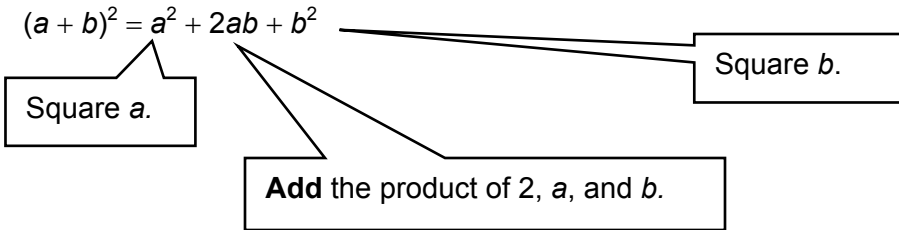


**LESSON**  
**5-3**

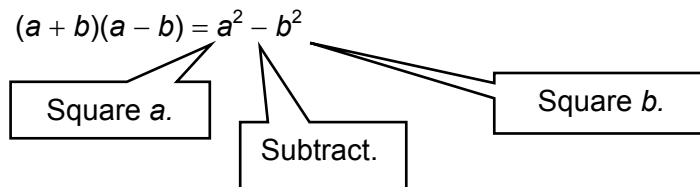
**Special Products of Binomials**

**Reteach**

A **perfect-square trinomial** is a trinomial that is the result of squaring a binomial.



A **difference of squares** is a special product with no middle term.



**State whether the products will form a difference of squares or a perfect-square trinomial.**

1.  $(x + 10)(x - 10)$

2.  $(y + 6)(y + 6)$

3.  $(z - 3)(z - 3)$

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Multiply.**

4.  $(x - 8)^2$

5.  $(x + 2)^2$

6.  $(7x - 5)^2$

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

7.  $(x + 8)(x - 8)$

8.  $(10 + x)(10 - x)$

9.  $(5x + 2y)(5x - 2y)$

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_