



**Multiply.**

1.  $(x + 2)^2$

\_\_\_\_\_

2.  $(m + 4)^2$

\_\_\_\_\_

3.  $(3 + a)^2$

\_\_\_\_\_

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

\_\_\_\_\_

5.  $(3a + 2)^2$

\_\_\_\_\_

6.  $(6 + 5b)^2$

\_\_\_\_\_

7.  $(b - 3)^2$

\_\_\_\_\_

8.  $(8 - y)^2$

\_\_\_\_\_

9.  $(a - 10)^2$

\_\_\_\_\_

10.  $(3x - 7)^2$

\_\_\_\_\_

11.  $(4m - 9)^2$

\_\_\_\_\_

12.  $(6 - 3n)^2$

\_\_\_\_\_

13.  $(x + 3)(x - 3)$

\_\_\_\_\_

14.  $(8 + y)(8 - y)$

\_\_\_\_\_

15.  $(x + 6)(x - 6)$

\_\_\_\_\_

16.  $(5x + 2)(5x - 2)$

\_\_\_\_\_

17.  $(10x + 7y)(10x - 7y)$

\_\_\_\_\_

18.  $(x^2 + 3y)(x^2 - 3y)$

\_\_\_\_\_

19. Write a simplified expression that represents the...

a. area of the large rectangle.

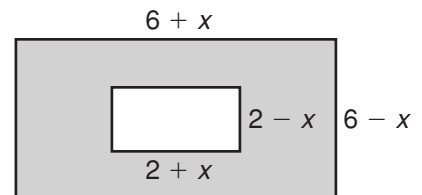
\_\_\_\_\_

b. area of the small rectangle.

\_\_\_\_\_

c. area of the shaded area.

\_\_\_\_\_



20. The small rectangle is made larger by adding 2 units to the length and 2 units to the width.

a. What is the new area of the smaller rectangle?

\_\_\_\_\_

b. What is the area of the new shaded area?

\_\_\_\_\_