Find each product.

1) 
$$(2x-5)(3x+1)$$

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

3) 
$$(x+5)(5x+2)$$

4) 
$$(3k-5)(4k+3)$$

5) 
$$(2b+4)(4b-3)$$

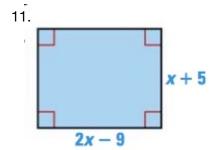
6) 
$$(4r+1)(r-3)$$

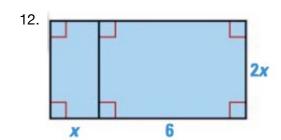
7) 
$$(3x-5)(4x^2-2x-1)$$

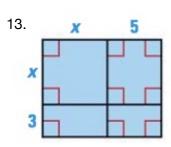
8) 
$$(x+2)(4x^2+4x-1)$$

9) 
$$(5x+5)(3x^2+5x+2)$$

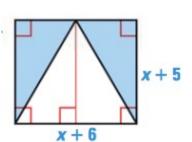
10) 
$$(2r-5)(4r^2-2r+2)$$



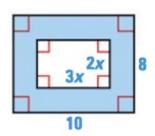




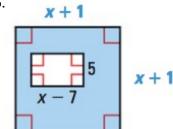
14.



15.



16.



- 17. **SWIMMING POOL** A rectangular swiming pool is bordered on one side by a deck. A contractor is hired to build a walkway along the remaining three sides of the pool. The width of the walkway is the same on every side, as shown.
  - a. Write a polynomial that represents the total area of the pool and the walkway.
  - **b.** Find the combined area of the pool and the walkway when the width of the walkway is 5 feet.

