1. What is the result when $6x^2 - 13x + 12$ is subtracted from $-3x^2 + 6x + 7$?
   A) $3x^2 - 7x + 19$
   B) $9x^2 - 19x + 5$
   C) $9x^2 - 7x + 19$
   D) $-9x^2 + 19x - 5$

2. The sum of $3x^2 + 5x - 6$ and $-x^2 + 3x + 9$ is
   A) $2x^2 + 8x - 15$
   B) $2x^2 + 8x + 3$
   C) $2x^2 + 8x^2 + 3$
   D) $4x^2 + 2x - 1$

3. Find the product of $x^2 + 3x - 9$ and $x$.
   A) $x^3 + 3x - 9x$
   B) $x^2 + 3x^2 - 9x$
   C) $x^3 + 3x^2 - 9x$
   D) $x^2 + 3x^3 - 9x$

4. What is the product of $(3x + 2)$ and $(x - 7)$?
   A) $3x^2 - 14$
   B) $3x^2 - 5x - 14$
   C) $3x^2 - 19x - 14$
   D) $3x^2 - 23x - 14$

5. The product of $(2x - 3)$ and $(x + 4)$ can be expressed as
   A) $2x^2 + 5x - 12$
   B) $3x + 1$
   C) $2x^2 + x - 12$
   D) $2x^2 - 12$

6. Which graph represents the solution set for $2x - 4 \leq 8$ and $x + 5 \geq 7$?
   A) [Graph A]
   B) [Graph B]
   C) [Graph C]
   D) [Graph D]
7. The length of a rectangle by \( x^2 + 3x + 2 \), and the width is represented by \( 4x \).

   Express the perimeter of the rectangle as a trinomial.

Express the area of the rectangle as a trinomial.

8. Express the product \((x + 2)(x - 5)\) as a trinomial.

9. Express \((x - 7)(x + 3)\) as a trinomial.

10. Express the product \((2x - 1)(3x + 4)\) as a trinomial.

11. Determine the smallest integer that makes \(-3x + 7 - 5x < 15\) true.