ASSIGN #3 mP 3 ALGEBRA

Name:

Find an expression for the Area of Rectangles with the following dimensions:
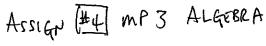1. Length of $4x - 5$ and a Width of $x - 3$
2. Length of $2x + 3$ and a Width of $3x - 4$
3. Length of $3x + 7$ and a Width of $3x - 7$
4. Length and Width both $5x + 9$

Find the expressions for the Length and Width of a Rectangle with the following Areas:
5. Area of $x^2 - 4x + 3$ 6. Area of $x^2 + 4x - 5$ 7. Area of $x^2 - 9x + 20$
8. Area of $x^2 - 36$ 9. Area of $4x^2 - 49$

Given the multiplication of: $(4x - 1)(3x + 4) = ax^2 + bx + c$
What numbers do a, b, and c represent?

ASSIGN #4 mP 3 ALGEBRA

Name:

Find an expression for the Area of Rectangles with the following dimensions:
5. Length of $4x - 5$ and a Width of $5x - 6$
6. Length of $x + 3$ and a Width of $x + 4$
7. Length of $2x + 5$ and a Width of $2x - 5$
8. Length and Width both $8x - 2$

Find the expressions for the Length and Width of a Rectangle with the following Areas:
5. Area of $x^2 - 7x + 12$ 6. Area of $x^2 + x - 2012$ 7. Area of $x^2 - x - 20$

8. Area of $x^2 - 16$ 9. Area of $9x^2 - 64$

Given the multiplication of: $(5x - 2)(x - 3) = ax^2 + bx + c$
What numbers do a, b, and c represent?