

Name _____

Date _____ Pd. _____

Notes: Algebra Tiles

Model $x^2 + 6x + 5$

Model $x^2 + 7x + 6$

Model $x^2 - 2x - 3$

Name _____

Date _____ Pd. _____

Exit Card: Algebra Tiles

BCR

The area of a rectangle, in square meters, can be represented by the expression $x^2 - 2x - 15$.

- The length and width of the rectangle can be represented as binomials. Write the binomials that could represent the length and width.
- Suppose that the length and width of the rectangle are increased by 6. Write a simplified polynomial that represents the area of the new rectangle. Use mathematics to explain how you determined your answer. Use words, symbols, or both in your explanation.

Name _____

Date _____ Pd. _____

Homework: Page 488 (5 – 8)

5. $x^2 + 7x + 12$

6. $x^2 - 4x + 4$

7. $x^2 - x - 2$

8. $x^2 - 6x + 8$