

Find the Rectangles and Factor

Name: _____

Period: _____

Use Algebra Tiles to find a rectangle with the given area. Use the rectangle to factor the polynomial.

1) $x^2 + 3x$

2) $x^2 + 2x + 1$

3) $x^2 + 4x + 3$

4) $x^2 + 4x + 4$

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

6) $x^2 + 5x + 6$

7) $x^2 + 6x + 8$

8) $x^2 + 7x + 10$

9) $x^2 + 7x + 12$

(BONUS!) 10) $2x^2 + 5x + 2$