Polynomials – Day 7   Name _____
Notes   Date _____ Period _____

<div align="center">Multiplying Polynomials</div>

Multiply.

1. $(x + 2)(x – 5)$ 2. $(3x – 1)(2x – 7)$ 3. $(-5x + 3)(-x – 4)$

4. $(x – 2)(x + 2)$ 5. $(x + 4)^2$ 6. $(x + 2)(x^2 – 5x + 6)$

Solve.

7.   Find the area of a rectangle with a length of $(x + 2)$ feet and a width of $(x + 10)$ feet.

8.   The length of a square board is $(2x – 3)$. Find the area of the board.