Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_

# WS 8-3

# Special Product Polynomials

1. What is a polynomial?
2. What is a special product? What do special product patterns help us do?
3. What does it mean for a polynomial to be in standard form?

*Indicate which special product pattern you would use to multiply the binomials, then multiply*

4.  5. 

6.  7. 

*Multiply the following binomials using special product patterns.*

8.  9.

18.  19. 