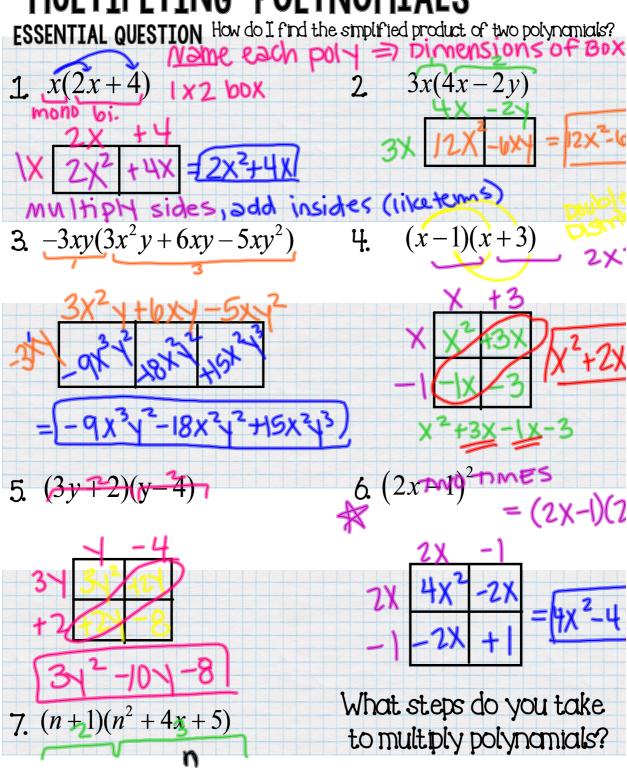
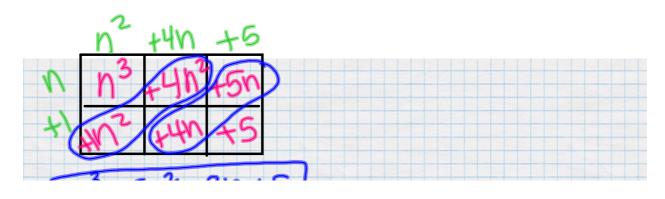
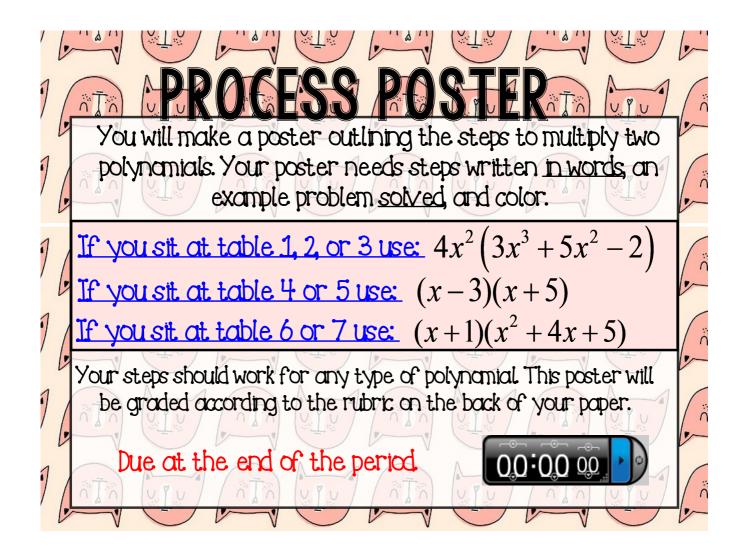


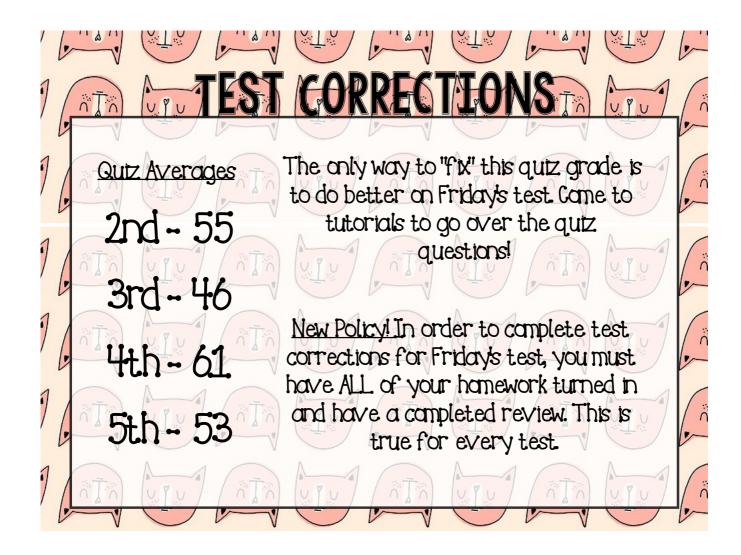
MULTIPLYING POLYNOMIALS

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Algebra I - Unit 7: Topic 2 – Multiplying Polynomials

Practice - Multiplying Polynomials

Name ______ Date _____ Period ______

Find the product in simplest form 1. x(3x + 7)

5.
$$3x^2y(8xy-5x-6)$$

$$4x(-3x^2-2x)$$

6.
$$(2x + 5y)(2x - 5y)$$

3.
$$xy(2x-3y-4)$$

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

4.
$$(x+2)(x-3)$$

8. Find the area of a rectangle with a length of (5x + 1) inches and a width of (3x - 2) inches.

9. What is the perimeter of a square with a dimension of $(3x^2 + 1)$ feet?

10. Find the area of the shaded region in simplest form.

