NCM1B Unit 2 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Date:

**Homework Lesson 3: Multiplying by a Monomial**

1) $-6x^{2}\left(-3x+1\right)$ 2) 5$x\left(-6x+4\right)$ 3) $8x^{3}\left(4x^{2}+6xy-3y^{2}\right)$

4) $-5bc\left(-6b-4c\right)$ 5) $5xy^{2}\left(6x^{5}+7y^{2}\right)$ 6) Find the Area

$$\left(5n+5\right)$$

$$8$$

7) Find the Area

$$\left(4x^{2}-4xy+y^{2}\right)$$

$$5y^{6}x^{4}$$

**Review:**

8) $j^{2}\left(2k-7\right)+k\left(j^{2}+9\right)$

9) $7c^{3}\left(2d-3\right)-c^{3}\left(c+d\right)$

10) $\left(9r^{3}+5r^{2}+11r\right)+\left(-2r^{3}+9r-8r^{2}\right)$

11) $\left(3v^{5}+8v^{3}-10v^{2}\right)-\left(-12v^{5}+4v^{3}+14v^{2}\right)$