

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Unit 1**

**Lesson 3**

a. What does  $(5)^2$  mean?

b. What does  $(x)^2$  mean?

c. What does  $(x+5)^2$

**AIM: MULTIPLYING TWO BINOMIALS**

1. Multiply the binomials:  $(x+5)(x+5)$

2. Simplify:  $(x+3)(x-2)$

3. Find the product:  $(x-4)(x+3)$

4. Simplify:  $(x-1)^2$

5. Express the product as a trinomial:

6. Simplify:  $(7x+2)^2$

$(3x-5)(4x-2)$

7. Find the area of a square whose side measures  $(x - 3)$ ?

8. Is  $(a + b)^2 = a^2 + b^2$ ? Justify your response.

9. When you see a binomial being squared what is the first thing you should do?

10. How do you multiply two binomials?