

Generic Rectangles II

Opening Question:

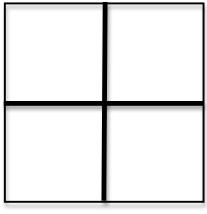
What does it mean to find **factors**?

With a given **area/product**, the **factors** are _____

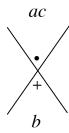
Review of Factoring Trinomials

ex. $3x^2 + 10x + 3$

- **Recall Standard Form:** $ax^2 + bx + c$
- 1. Which two boxes will you be able to fill in right away? ______ Fill in those terms first.
- 2. For which two boxes will you need to do something to know which numbers to use?



- 3. Use an X Problem to know how to divide the x's.
- 4. Fill in the two *x*-terms on your rectangle.



5. Factor out the **Greatest Common Factor** for each ROW and COLUMN



6. Record your factors as a multiplication sentence:

$$3x^2 + 10x + 3 =$$

Practice Time!!

