

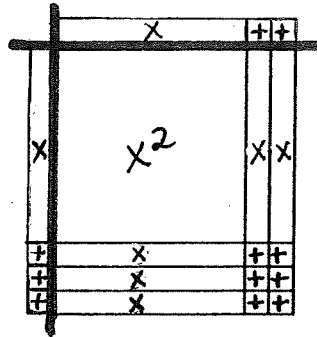
Algebra I
 11.6 Classwork
 Trinomial Factoring

NAME: _____

DATE: _____ HOUR: _____

Count out the blocks for each trinomial listed below and build a rectangle or square. Make a sketch and write the factors for each.

Example: $x^2 + 5x + 6 = (x+3)(x+2)$



FACTORS

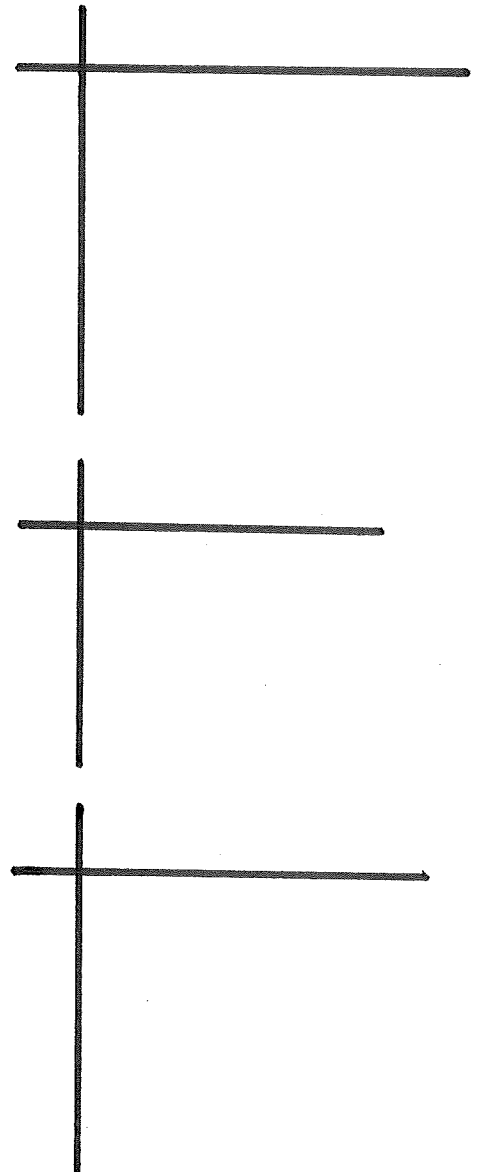
Label your tiles.

SKETCH

1. $2x^2 + 3x + 1 =$ _____

2. $x^2 + 2x + 1 =$ _____

3. $3x^2 + 5x + 2 =$ _____



FACTORS

SKETCH

4. $4x^2 + 4x + 1 =$ _____

5. $3x^2 - 5x + 2 =$ _____

6. $2x^2 - 3x + 1 =$ _____

7. $2x^2 + 8x + 6 =$ _____

