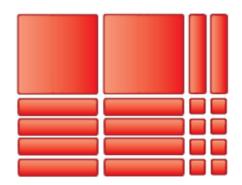
Section 3.6 Polynomials of the Form Factors and Products $ax^2 + bx + c$

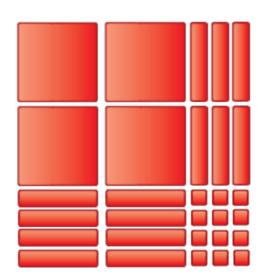
Name: ___

Date: _____

Learning Goal 3.3

Factor trinomials of the form $ax^2 + bx + c$.





But again, you cannot use this model forever.

Example Factor the following expression. Expand your answer to check your work.

1.
$$2x^2 - 6x - 8$$

2.
$$3x^2 - 4x + 1$$

3.
$$5z^2 + 7z + 2$$

4.
$$4m^2 + 4m - 3$$

5.
$$3a^2 + 26a - 9$$

6.
$$6q^2 - 7q - 3$$

7.
$$2p^2 + 3p - 9$$

8.
$$3m^2 + 10mn - 8n^2$$

9.
$$4r^4 + 20r^2t^2 + 25t^4$$