

**Learning Targets**

Students be able to multiply binomials using geometric models (Algeblocks) and paper and pencil methods (FOIL).

**Introduction**

Using Algeblocks to Multiply. Draw a picture representing

1.  $(x + 2) + (x + 1) =$

2.  $(x + 2)(x + 1) =$

3.  $(x + 3)(2x + 1) =$

4.  $(x + 1)(x + 4) =$

5.  $x(2x + 3) =$

Now, do 5-10 on assignment 10.6.

**Multiplying Without Algeblocks**

Ex.  $(x + 2)(x + 1) =$

Ex.  $(x + 3)(2x + 1) =$

Ex.  $(x - 2)(x + 1) =$

Ex.  $(5x - 3)(2x + 4) =$