3.4 MathLab: Modelling Trinomials as Binomial Products Name:

Foundations & Pre-Calculus 10 Date:

Focus:

**Criteria:**

|  |  |
| --- | --- |
| Topic | Score |
| Title: Title, Name, Block, Date | /2 |
| Neatness and Organization | /2 |
| Purpose | /1 |
| Materials | /1 |
| Procedure (shown below) | /1 |
| Data and Observations | /4 |
| Questions (p.158) #1-4 | /4 |
| Conclusions | /2 |
| Total | /17 |

Procedure:

Part A:

* Use 1 -tile, and a number of x-tiles and 1-tiles of your choice.
* Arrange the tiles to form a rectangle.
* Sketch the tiles and write the multiplication sentence it represents.
* Repeat for the following number of tiles until you have 2 different multiplication sentences.

Part B:

* Use 2 or more -tile, and a number of x-tiles and 1-tiles of your choice.
  + Arrange the tiles to form a rectangle.
  + Sketch the tiles and write the multiplication sentence it represents.
* Repeat for the following number of tiles until you have 4 different multiplication sentences.

Part C:

* Do Assess Your Understanding #1-4 (p.158)