Unit 3- Stretching and Shrinking STUDY GUIDE
Investigation 2: Similar Figures

Things we need to know:

- Know what it means for two shapes to be similar
  - What is the rule?
    - What happens when you multiply the x-coordinate only by a rational number?
    - What happens when you multiply the y-coordinate only by a rational number?
    - What happens when you multiply both the x and the y coordinates by the same rational number (scale factor)?
    - What happens when you add or subtract a rational number to the x or y coordinates?
- Know what a scale factor is
- Know how to plot ordered pairs (x, y)
- Are the corresponding angles of similar shapes equal?
- Are the corresponding sides to similar shapes equal?