Lesson 30

Complete the following questions in your notebook on page 71. Use your notes if needed. When you have completed the questions, email them to for correction.

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1. Define polygon.

- 2. Is a triangle a polygon? Explain
- 3. Complete the table, explaining the differences:

| | Similar | Congruent |
|--------------|---------|-----------|
| Angles | | |
| Sides | | |
| symbol | | |
| Scale factor | | |



For number 5 above, PROVE that the two polygons are similar. *You need to prove that ALL corresponding angles are equal and ALL corresponding sides are proportional.