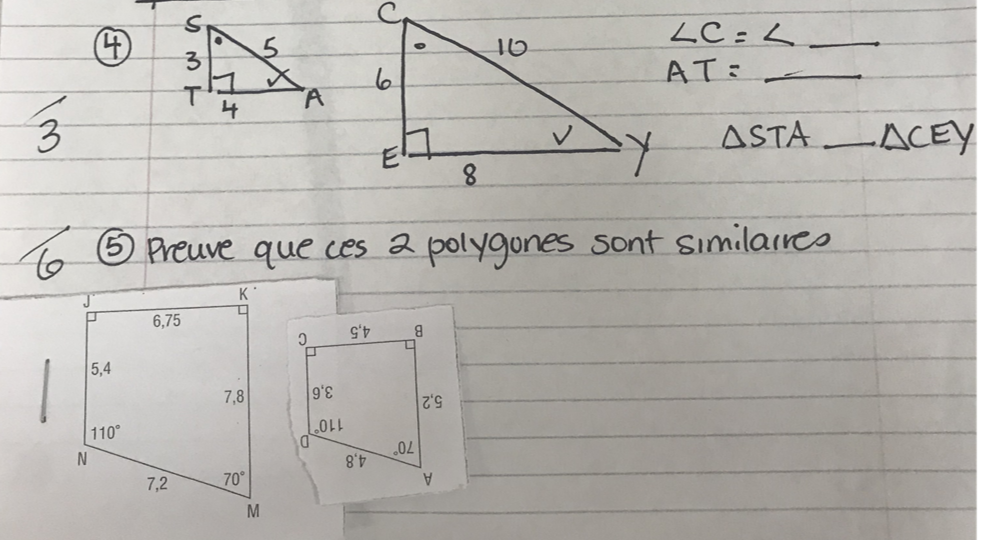
**Lesson 30**

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.