

10.1 Similar and Congruent Figures

Extra Practice

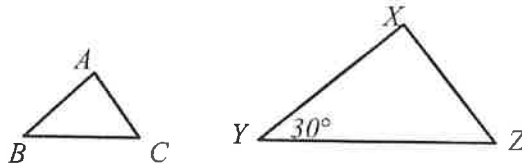
Fill in the blank with the appropriate word, phrase, or symbol to make a true statement.

1. Similar figures have the same _____ but not the same _____.
2. The symbol _____ means "is similar to" and the symbol _____ is the abbreviation for the word angle.
3. A _____ drawing is an enlarged or reduced drawing that is similar to an actual object or place.
4. In similar triangles, corresponding _____ are congruent and corresponding _____ are in proportion.

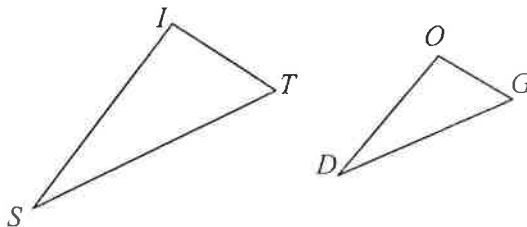
10.1 I can identify the corresponding parts of similar figures.

Name the corresponding angles and corresponding sides:

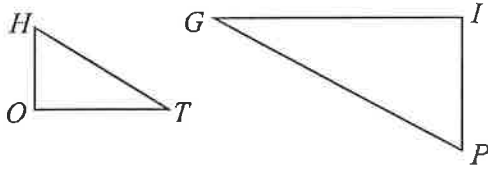
1. $\triangle ABC \sim \triangle XYZ$



2. $\triangle SIT \sim \triangle DOG$

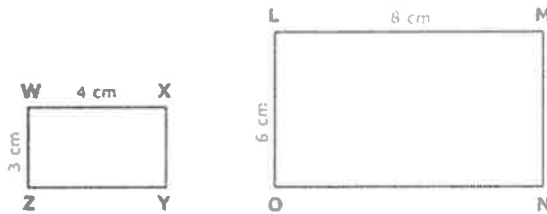


3. $\triangle HOT \sim \triangle PIG$

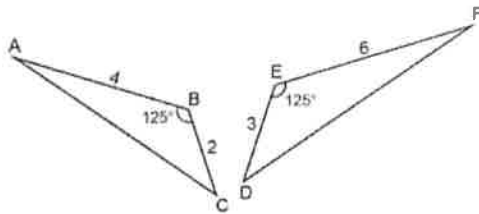


10.1 I can write a ratio of corresponding sides.

4.



5.



10.1 I can find the missing angle measures and side lengths of congruent figures.

$\triangle BDC \cong \triangle RQP$

6. QR =

7. DC =

8. BC =

9. $m\angle D =$

10. $m\angle R =$

