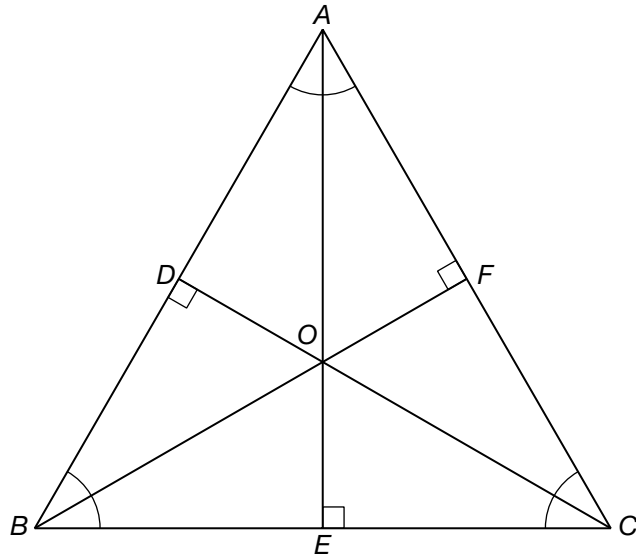


Chapter 11 Review

Triangle Hunt

Use the figure to answer each question that follows.

- How many triangles are in the figure?
(Hint: there are more than 10!)
- Name an equilateral triangle.
- Name three scalene triangles.
- Name three right triangles.
- Given that $\triangle AEB \cong \triangle AEC$, name the congruent sides.
- Find the measures of the following angles.



$$m\angle A =$$

$$m\angle AEB =$$

$$m\angle BAE =$$

$$m\angle FBA =$$

$$m\angle AOB =$$

$$m\angle FOE =$$

$$m\angle AOF =$$

- Explain why $\triangle AFO$ is similar to $\triangle AEC$.

Answers are located on page 140.