

CHAPTER
8
SECTION 8B

Ready To Go On?

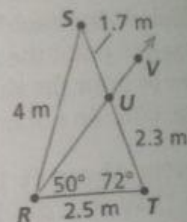
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Quiz for Lessons 8-5 Through 8-8

8-5 Triangles

Use the diagram for problems 1 and 2.

- Find $m\angle SUV$.
- Classify triangle STR by its angles and by its sides.

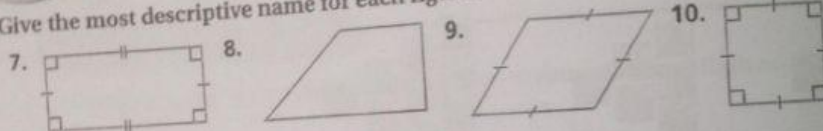


If the angles can form a triangle, classify it as acute, obtuse, or right.

- $15^\circ, 60^\circ, 95^\circ$
- $47^\circ, 51^\circ, 82^\circ$
- $94^\circ, 76^\circ, 10^\circ$
- $78^\circ, 102^\circ, 20^\circ$

8-6 Quadrilaterals

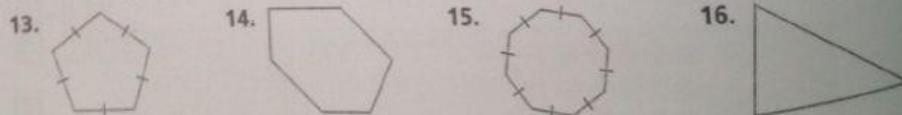
Give the most descriptive name for each figure.



8-7 Polygons

- Nina cuts a regular hexagon out of poster board. What is the measure of each angle of the hexagon?
- The perimeter of an equilateral triangle is 186 centimeters. What is the length of one side of the triangle?

Name each polygon, and tell whether it appears to be regular or not regular.



8-8 Geometric Patterns

Identify a possible pattern. Use the pattern to draw the missing figure.

