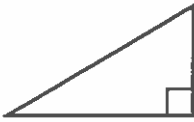


Homework

Name each triangle by its angles and then by its sides.

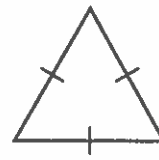
1.



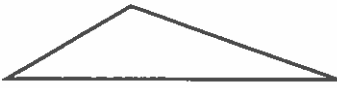
2.



3.



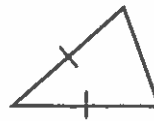
4.



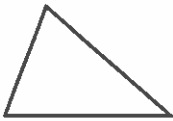
5.



6.



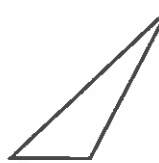
7.



8.



9.



10. Describe how acute, obtuse, and right triangles are different.

11. Describe how scalene, isosceles, and equilateral triangles are different.

Remembering

Simplify each fraction.

$$1. \frac{9 \div \square}{12 \div \square} =$$

$$2. \frac{18 \div \square}{30 \div \square} =$$

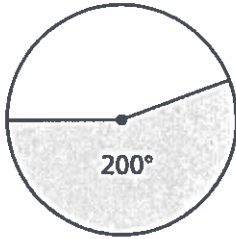
$$3. \frac{25 \div \square}{75 \div \square} =$$

$$4. \frac{32 \div \square}{72 \div \square} =$$

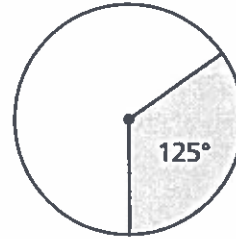
The measure of each shaded angle is given.

Write the measure of each angle that is not shaded.

5.



6.



7. **Stretch Your Thinking** Aileen is trying to correctly classify a triangle by its angles. Her only information is that the triangle has at least one acute angle. Aileen says this must be an acute triangle. Is she right? Explain.
