Name each triangle by its angles and then by its sides.
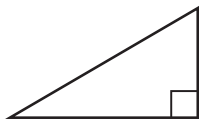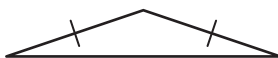
1.
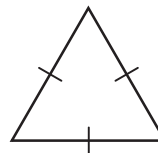
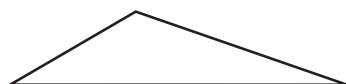_____

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2.

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3.

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4.

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5.

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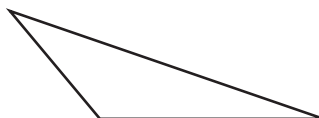
6.

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7.

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8.

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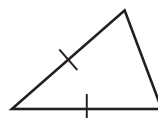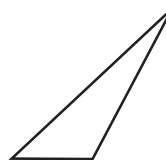**9.**

_____

_____

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. $\dfrac{9 \div \boxed{}}{12 \div \boxed{}} =$

2. $\dfrac{18 \div \boxed{}}{30 \div \boxed{}} =$

3. $\dfrac{25 \div \boxed{}}{75 \div \boxed{}} =$

4. $\dfrac{32 \div \boxed{}}{72 \div \boxed{}} =$

The measure of each shaded angle is given.
Write the measure of each angle that is not shaded.

5.

200°

_____

6.

125°

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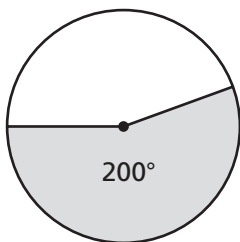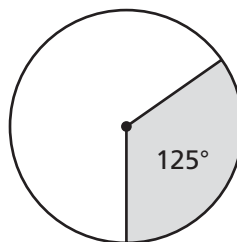
7. **Stretch Your Thinking** Aileen is trying to correctly classify a triangle by its angles. Her only information is that the triangle has at least one acute angle. Aileen says this must be an acute triangle. Is she right? Explain.

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Name Triangles