Identifying Triangles by Sides

Triangles can be classified by their sides. A triangle with all sides of equal length is an **equilateral** triangle. A triangle that has two sides with the same length is an **isosceles** triangle. A triangle where all sides are different lengths is a **scalene** triangle. Review the triangles below and select the correct answer.

1. **O** equilateral triangle  **O** isosceles triangle  **O** equilateral triangle  **O** isosceles triangle  **O** scalene triangle  **O** scalene triangle

2. **O** equilateral triangle  **O** isosceles triangle  **O** equilateral triangle  **O** isosceles triangle  **O** scalene triangle  **O** scalene triangle

3. **O** equilateral triangle  **O** isosceles triangle  **O** equilateral triangle  **O** isosceles triangle  **O** scalene triangle  **O** scalene triangle

4. **O** equilateral triangle  **O** isosceles triangle  **O** equilateral triangle  **O** isosceles triangle  **O** scalene triangle  **O** scalene triangle

- An isosceles triangle can be a right triangle.
- All three angles of an equilateral triangle are 60°.
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- equilateral triangle
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✓ An isosceles triangle can be a right triangle.

✓ All three angles of an equilateral triangle are 60°