Name _____

Another Look! You can sort shapes by the number of straight sides and vertices. A shape is closed if the sides are connected.

Tell if the shape is closed or not. Then count the straight sides and vertices.
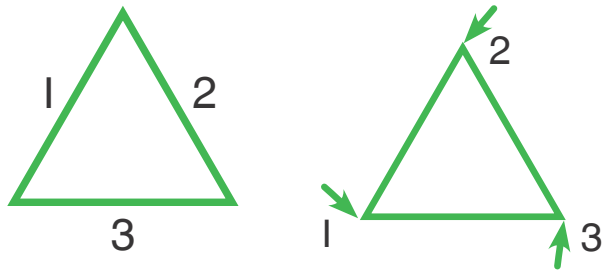
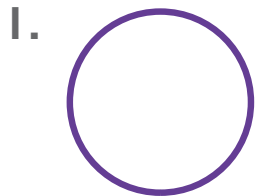A triangle is a closed shape with 3 straight sides and 3 vertices.

Closed? __Yes__ A square has __4__ straight sides and __4__ vertices.

For each shape, tell if it is closed or not. Then tell how many sides and vertices it has.

1. Closed?_____ A circle has _____ straight sides and _____ vertices.

2. Closed?_____ A rectangle has _____ straight sides and _____ vertices.

3. Closed?_____ A hexagon has _____ straight sides and _____ vertices.

4. Draw a shape with more than 3 sides.

5. Draw a shape with 4 vertices.

6. Draw a shape with no vertices.

7. Higher Order Thinking A rhombus is a closed shape with 4 equal sides and 4 vertices. Circle the shape that is not a rhombus. Explain how you know.

8. ✅ **Assessment** Jen draws a shape with 4 sides and 4 vertices. Which could be Jen's shape? Choose all that apply.

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