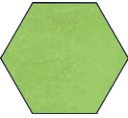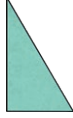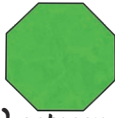**1)**

Name: **(regular) hexagon**
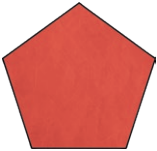
Number of sides: **6**

Name: **right-angled triangle**

Number of vertices: **3**

Name: **(regular) octagon**

Property of your choice: **Accept any correct property, such as: 8 sides; 8 vertices; all sides the same length**

2)
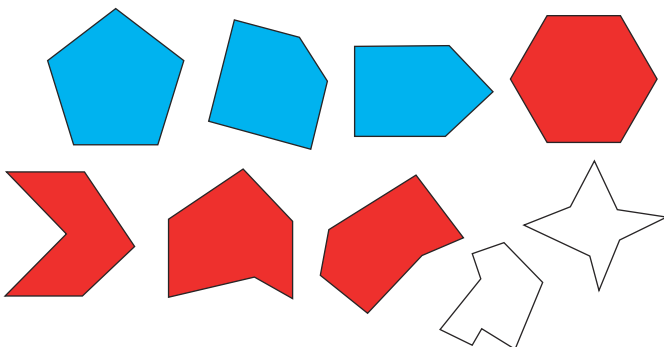
I have 6 sides.

All my sides are the same length.

I am symmetrical.

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1) **Accept any symmetrical triangle.**

2) **No. The number of lines of symmetry of a regular polygon (sides the same length), such as a square, is always the same as the number of sides. However, if the shape has sides of different lengths such as a trapezium, it will have fewer (or no) lines of symmetry.**

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1)

Answers such as: **They have 8 sides and 8 vertices so they are octagons, not pentagons or hexagons.**

2) **Answers may include: one or more lines of symmetry, straight sides.**