

Name _____

Date _____

1. Match the polygons with their appropriate clouds. A polygon can match to more than 1 cloud.

The diagram shows four clouds with the following text:

- Cloud 1: All sides are equal
- Cloud 2: All sides are not equal
- Cloud 3: At least 1 right angle
- Cloud 4: At least 1 set of parallel sides

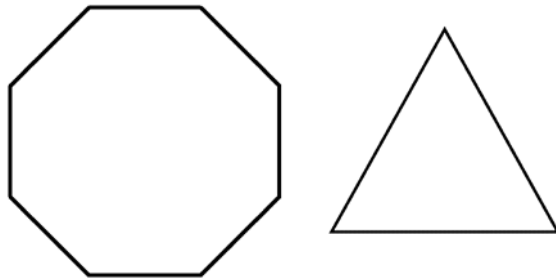
The polygons shown are:

- hexagon
- square
- rectangle
- regular octagon
- pentagon
- decagon

Connections (lines):

- Cloud 1 connects to regular octagon.
- Cloud 2 connects to hexagon, rectangle, pentagon, and decagon.
- Cloud 3 connects to square and rectangle.
- Cloud 4 connects to square and rectangle.

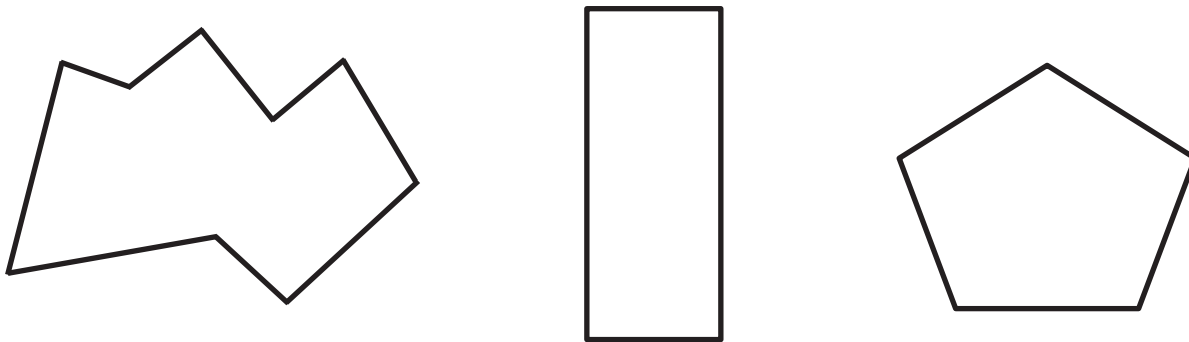
2. The two polygons below are regular polygons. How are these polygons the same? How are they different?



They are the same because each polygon is made up by sides of equal length.

They are different because they have a different number of sides.

3. Lucia drew the polygons below. Are any of the polygons she drew regular polygons? Explain how you know.



Yes. It appears as though the pentagon is a regular pentagon.