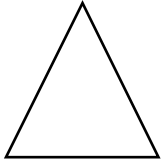
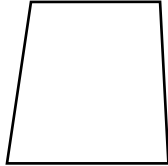


Polygons

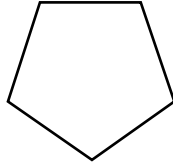
Polygons are named by the number of sides and the number of angles they have.



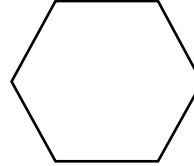
Triangle
3 sides
3 angles



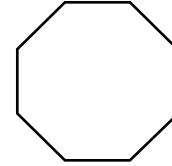
Quadrilateral
4 sides
4 angles



Pentagon
5 sides
5 angles



Hexagon
6 sides
6 angles

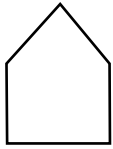


Octagon
8 sides
8 angles

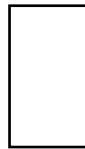
A polygon that has all sides the same length and all angles the same measure is called a **regular polygon**.
The hexagon and octagon above are regular polygons.

Name the polygon and tell if it appears to be *regular* or *not regular*.

1.



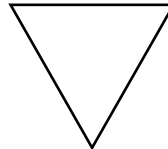
2.



3.



4.



Draw each polygon. Then name the polygon.

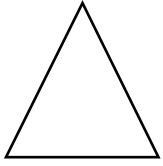
5. It has 4 sides and 4 angles.

6. It has 3 sides and 3 angles.

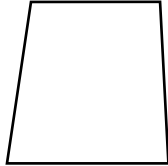
7. It has 5 sides and 5 angles.

Polygons

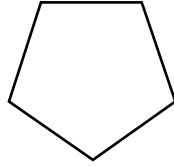
Polygons are named by the number of sides and the number of angles they have.



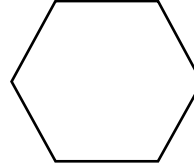
Triangle
3 sides
3 angles



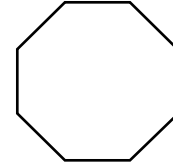
Quadrilateral
4 sides
4 angles



Pentagon
5 sides
5 angles



Hexagon
6 sides
6 angles

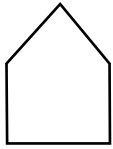


Octagon
8 sides
8 angles

A polygon that has all sides the same length and all angles the same measure is called a **regular polygon**.
The hexagon and octagon above are regular polygons.

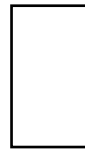
Name the polygon and tell if it appears to be *regular* or *not regular*.

1.



pentagon; not regular

2.



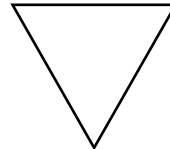
quadrilateral, not regular

3.



hexagon, not regular

4.



triangle, regular

Draw each polygon. Then name the polygon. **Check students' drawings**

5. It has 4 sides and 4 angles.

quadrilateral

6. It has 3 sides and 3 angles.

triangle

7. It has 5 sides and 5 angles.

pentagon