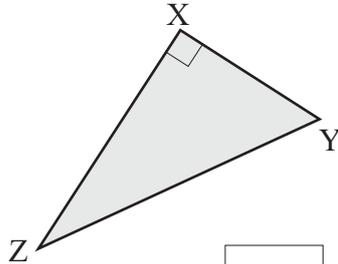


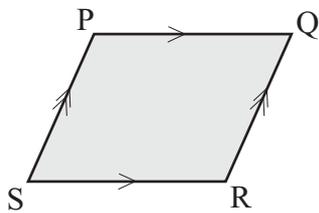
Name: \_\_\_\_\_

1. Choose which of the angles below is the right-angle in this shape.



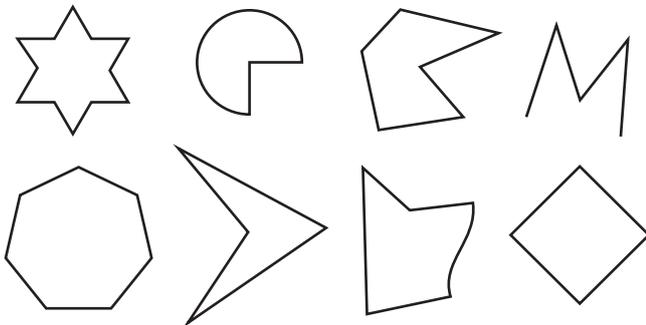
- A  $\angle XYZ$   
B  $\angle ZXY$   
C  $\angle YZX$   
D  $\angle XZY$

2. Choose which of the lines below is parallel to  $\overline{PQ}$ .



- A  $\overline{QR}$   
B  $\overline{RS}$   
C  $\overline{SQ}$   
D  $\overline{SP}$

3. Colour in the shapes below that are polygons.



4. Circle the shape/s from question 3 that are regular polygons.

5. In the space below draw a concave hexagon and a convex hexagon.

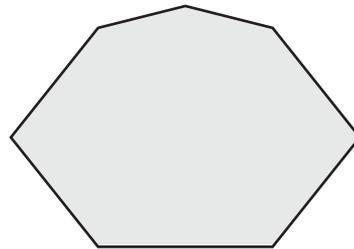
*Concave hexagon*

*Convex hexagon*

6. Draw a polygon that has three vertex angles greater than  $180^\circ$ .

7. (a) Unscramble these letters to find the name of the shape below.

**ROUGH PETAL EARRING**



- (b) Using a ruler, draw all possible diagonals in this shape.

- (c) How many diagonals are there?

8. Research different polygons and find the names of three polygons that have more than 10 sides. State how many sides they have.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_