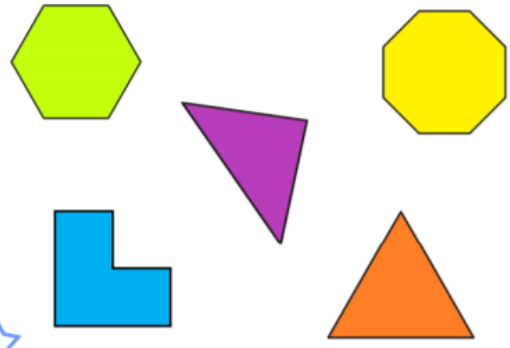
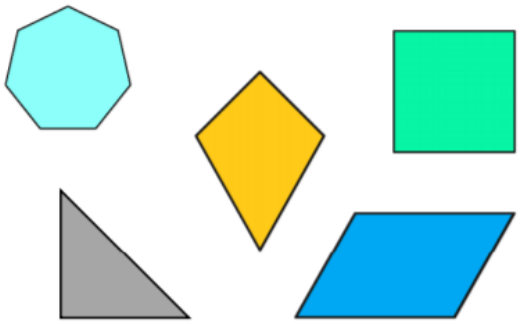
Maths Task 3.2

5a. Circle the regular polygons.



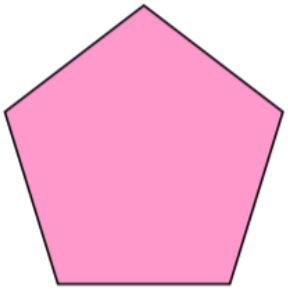
VF

5b. Circle the irregular polygons.



VF

6a. Identify the name of this shape. Use a ruler and a protractor to decide whether it's a regular or irregular polygon.

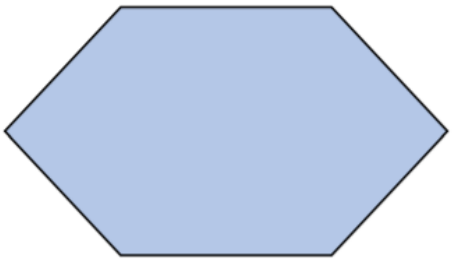


VF

6b. Identify the name of this shape. Use a ruler and a protractor to decide whether it's a regular or irregular polygon.

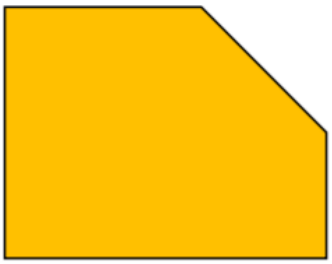
VF

7a. True or false?
This is a regular hexagon.



VF

7b. True or false?
This is an irregular pentagon.



VF

8a. Draw a regular hexagon. Measure the length of each side and the size of each angle to make sure that they are equal.

VF

8b. Draw an irregular hexagon. Measure the length of each side and the size of each angle to make sure that they are not all the same.

VF

Maths Task 3.2

4a. Has Shamir sorted these shapes correctly? Explain your answer.

	Regular Polygon	Irregular Polygon
Has exactly 5 sides	A	D
Not 5 sides	B, C	E

R

4b. Has Malia sorted these shapes correctly? Explain your answer.

	Regular Polygon	Irregular Polygon
Has exactly 6 sides	A	D
Not 6 sides	B, C	E, F

R

5a. Matty says,

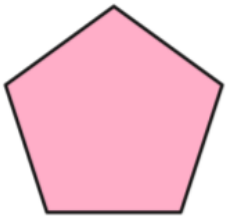
> My polygon is a regular hexagon because some of the sides are the same length and some of the angles are the same size.

Is Matty correct? Explain your answer.

R

5b. Alexa says,

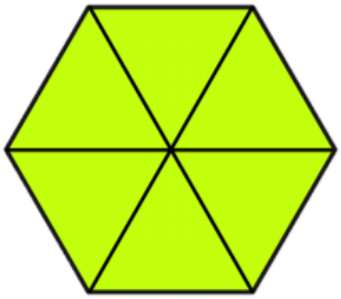
> My regular pentagon has 5 angles that each measure 120°.



Is Alexa correct? Explain your answer.

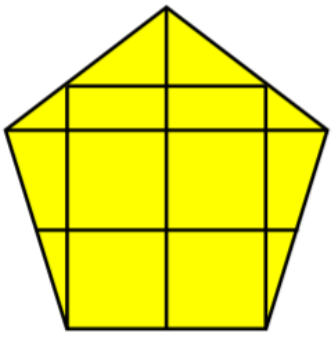
R

6a. How many regular polygons can you see in this shape?



PS

6b. How many regular polygons can you see in this shape?



PS