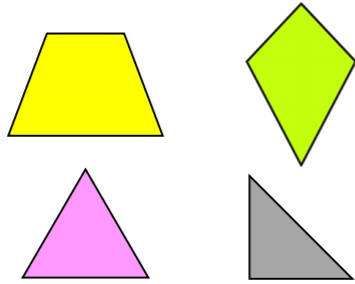


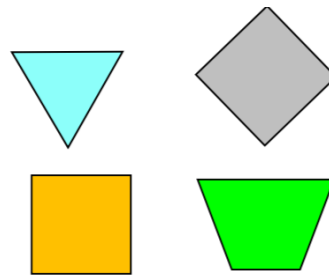
1. Polygons – true or false?

They have 5 or more sides They are made up of straight lines
They are 2D shapes They are a closed shape (no gaps) They are 3D shapes
They include open shapes They can have curved sides

2. Identify the regular polygons

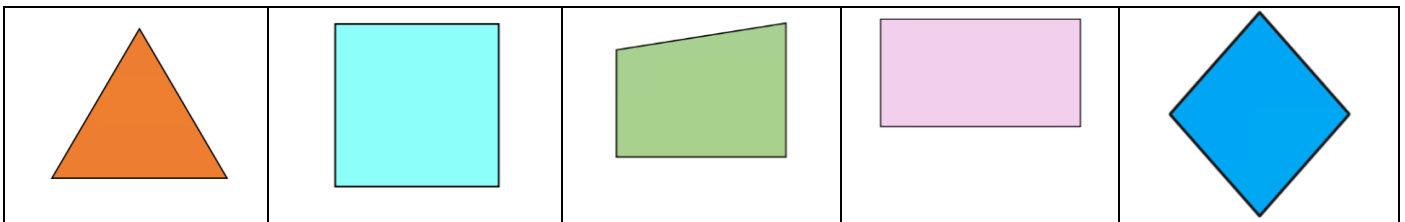


Identify the irregular polygons



3. Name these 4 shapes.

They are regular polygons - True or false?



4. Who is correct? Explain.

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.



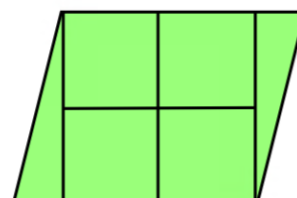
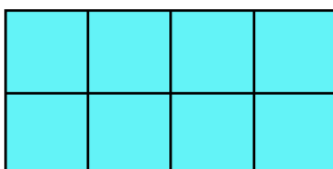
Sunita says,

A rectangle is a regular polygon because it has 4 angles of equal size.



5. How many regular polygons can you see in each of these shapes?

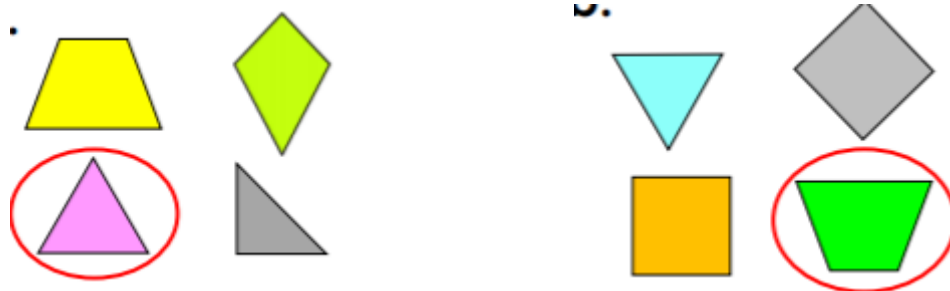
Can you name them?



Answers

True	False
<p>They are a closed shape (no gaps)</p> <p>They are made up of straight lines</p> <p>They are 2D shapes</p>	<p>They are 3D shapes</p> <p>They include open shapes</p> <p>They can have curved sides</p> <p>They have 5 or more sides</p>

2.



3.

True – regular triangle	True – regular square / quadrilateral	False – irregular quadrilateral	False – irregular rectangle / quadrilateral	False irregular rhombus

4. Neither Sunita nor Matty are correct.
 Sunita is incorrect as a regular polygon has equal angles and equal sides. The rectangle has sides of different lengths.
 Matty is incorrect as a regular polygon has all sides of equal length and all angles which are the same size.
5. 11 regular quadrilaterals (squares).
 5 regular quadrilaterals (squares).