










Practice

Draw this table in your books. How many of these shapes can you name and list the properties (how many sides and vertices) of?

Name		Sides	Vertices
triangle		3	3
circle		1	0
square		4	4
rectangle		4	4
pentagon		5	5
hexagon		6	6
oval		1	0
rhombus		4	4
trapezium		4	4

Reasoning

Explain your answers.

5a. Joe is incorrect. The shapes do have 6 sides but they are hexagons.

6b. Jal is correct. A rectangle has 4 vertices and a triangle has 3 vertices.
 $4 + 4 + 3 = 11$

Problem solving

6a. 5 triangles have the most number of sides.
5 triangles = 15 sides; 3 quadrilaterals = 12 sides; 13 circles = 13 sides

4b. Lily has $8 + 5 + 0 = 13$ vertices.
Karen has $4 + 3 + 4 = 11$ vertices. Karen has the fewest number of vertices.