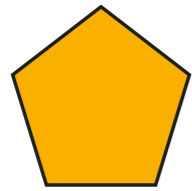


# Count vertices on 2D shapes

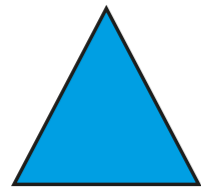
1 Complete the sentences to describe the shapes.

a)



A pentagon has  vertices.

b)



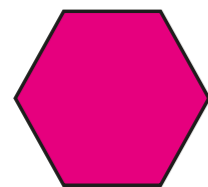
A triangle has  vertices.

c)



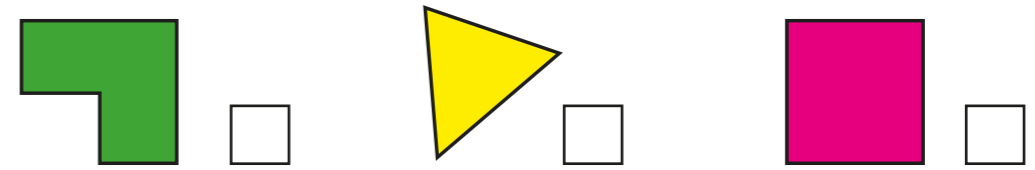
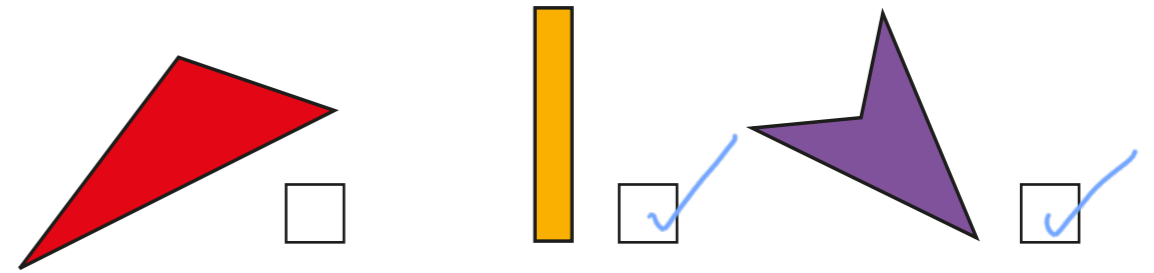
A square has  vertices.

d)



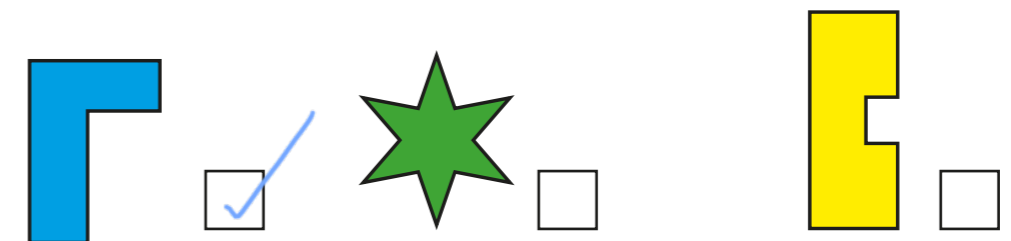
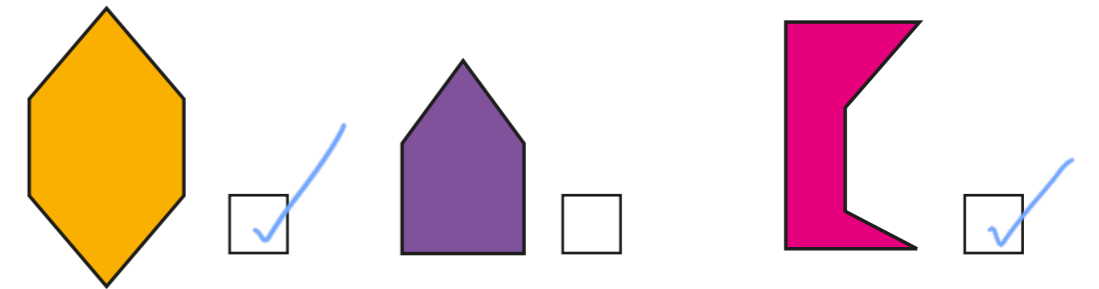
A hexagon has  vertices.

2 Tick the shapes with 4 vertices.



Compare answers with a partner.

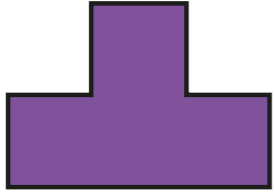
3 Tick the shapes with 6 vertices.

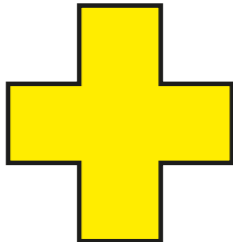


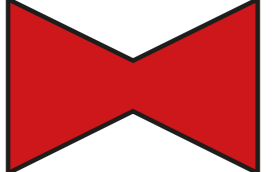
Talk to a partner about your answers.


4 How many vertices does each shape have?

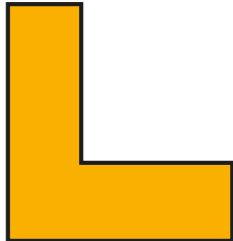
a) 

b) 

c) 

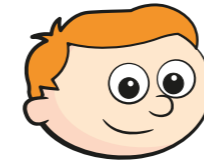
d) 

e) 

f) 

How did you count the vertices?

5



My shape has more vertices than a triangle, but fewer than a hexagon.




What shape could Ron have? e.g. square

Compare answers with a partner.

6

Rosie is making a pattern out of shapes.

a) How many vertices are in each term of her pattern?

		
<input type="text" value="4"/>	<input type="text" value="7"/>	<input type="text" value="11"/>

b) What do you notice?

c) How many vertices will the next term have?

d) Create your own pattern with shapes.

Count the number of vertices in each term.