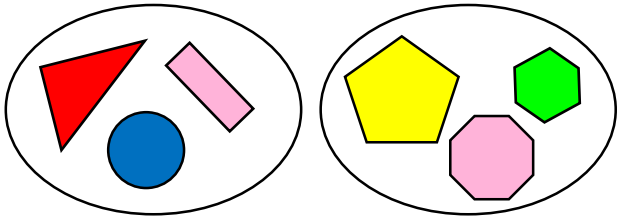


Sort 2D shapes

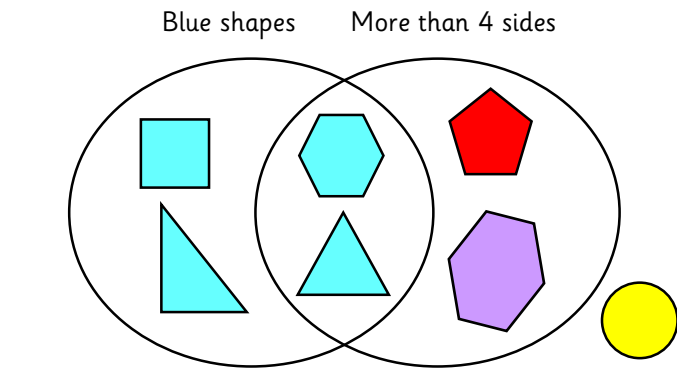


Problem solving and reasoning cards:

How have these shapes been sorted?



How else could you sort them?

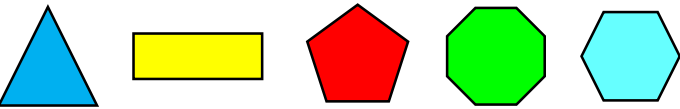


Spot the mistake and explain your answer.

Jess says,



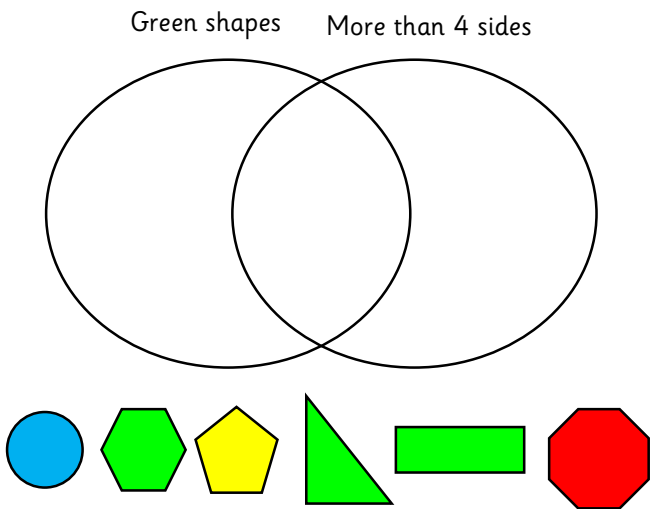
I have sorted these shapes by number of sides from least to most.



Has Jess sorted them correctly?

Explain how you know.

Sort the shapes into the Venn diagram.

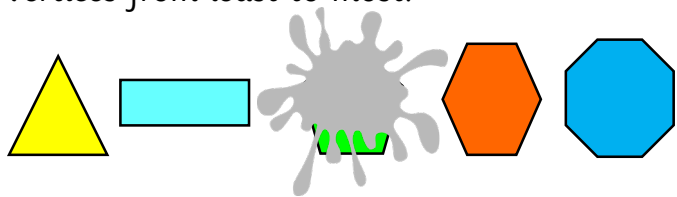


Spot the mistake.

Vertices	No vertices

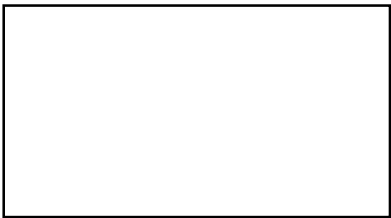
Explain your answer.

These shapes have been sorted by number of vertices from least to most.



What could the hidden shape be?

Draw it:

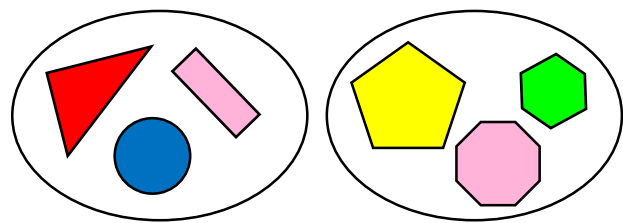


Sort 2D shapes

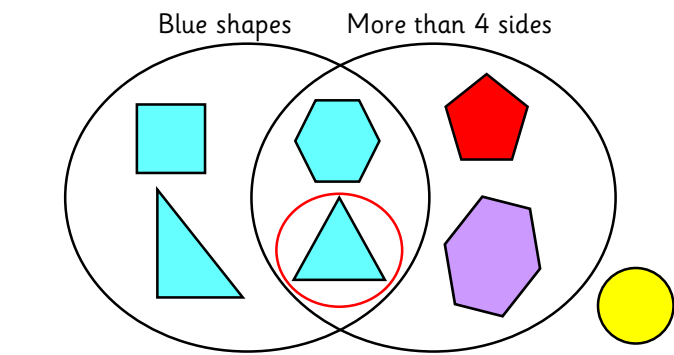


Problem solving and reasoning cards:

How have these shapes been sorted?
4 sides or less / more than 4 sides.



How else could you sort them?
4 vertices or less / more than 4 vertices.



Spot the mistake and explain your answer.
The triangle in the middle of the Venn diagram should be in in blue shapes as it does not have more than 4 sides.

Jess says,

I have sorted these shapes by number of sides from least to most.

Has Jess sorted them correctly?
Explain how you know.
No. The hexagon and octagon are the wrong order.

Sort the shapes into the Venn diagram.

Spot the mistake.

Vertices	No vertices

Explain your answer.
A circle has been placed in the vertices column.
It has no vertices.

These shapes have been sorted by number of vertices from least to most.

What could the hidden shape be?

Draw it: