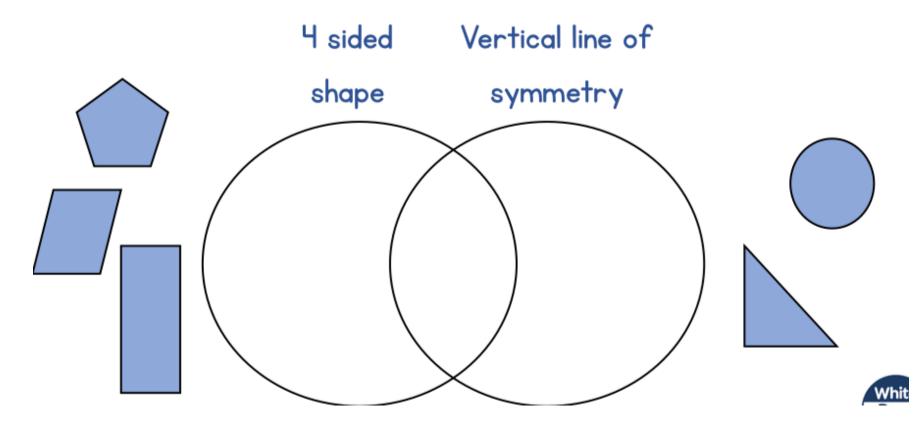
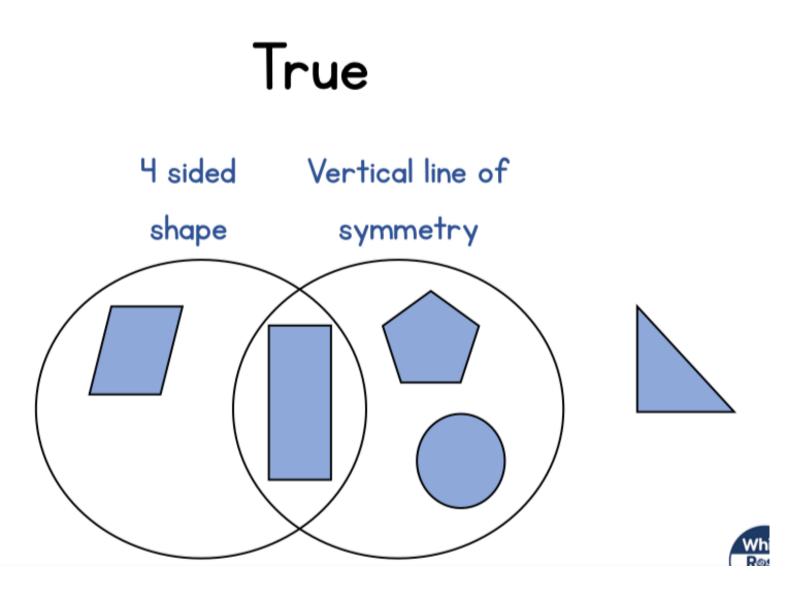
Skill: I can count the faces on a 3 D shape

Big Question

When sorted into the Venn diagram, one shape is left on the outside.

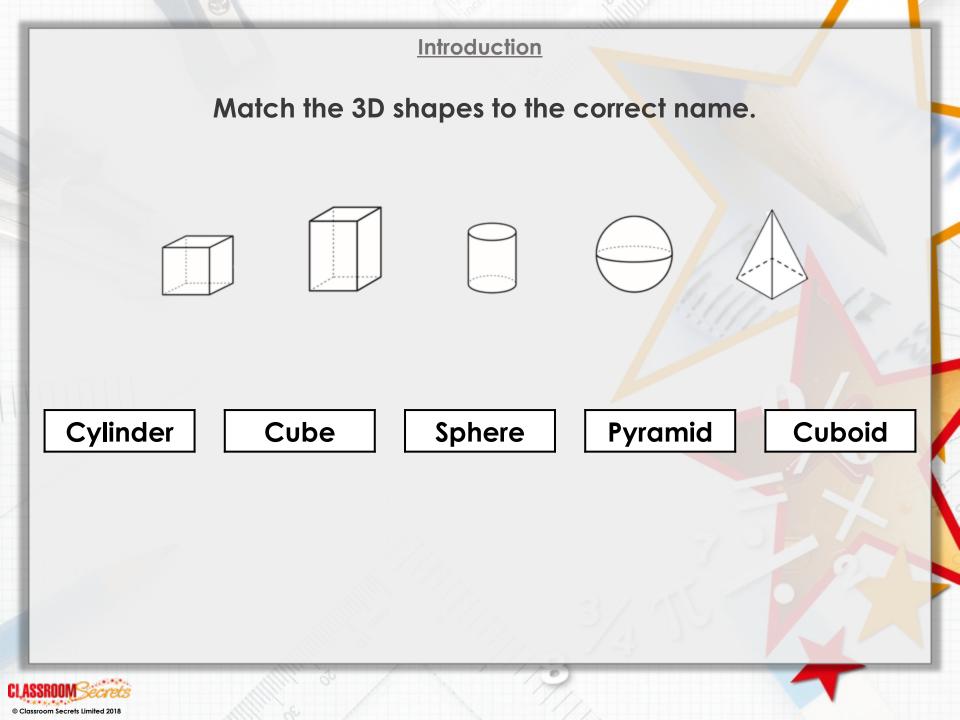


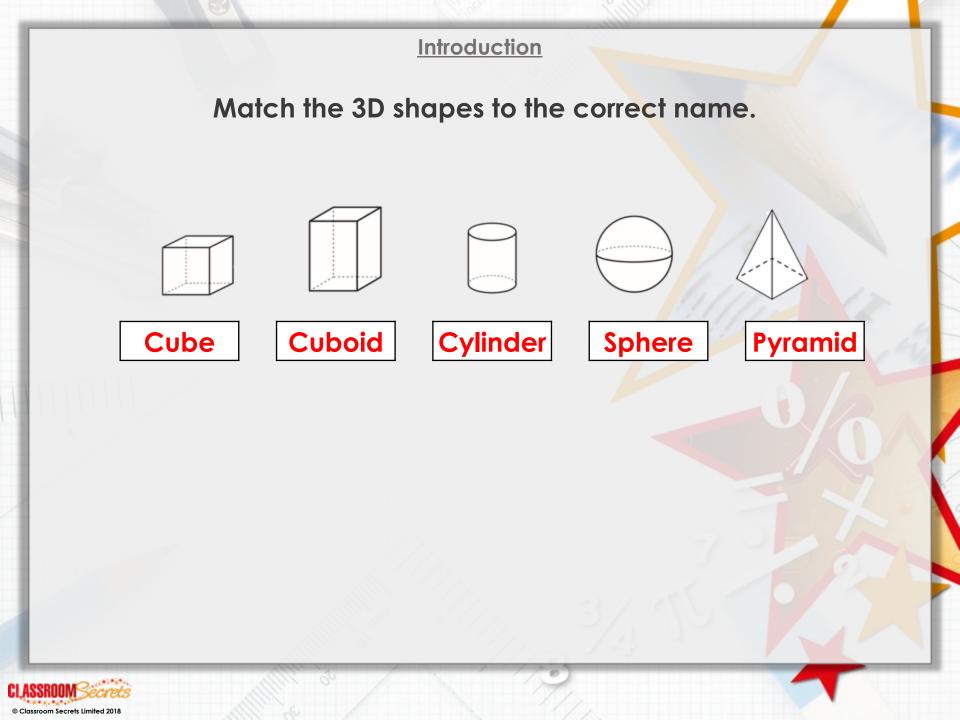


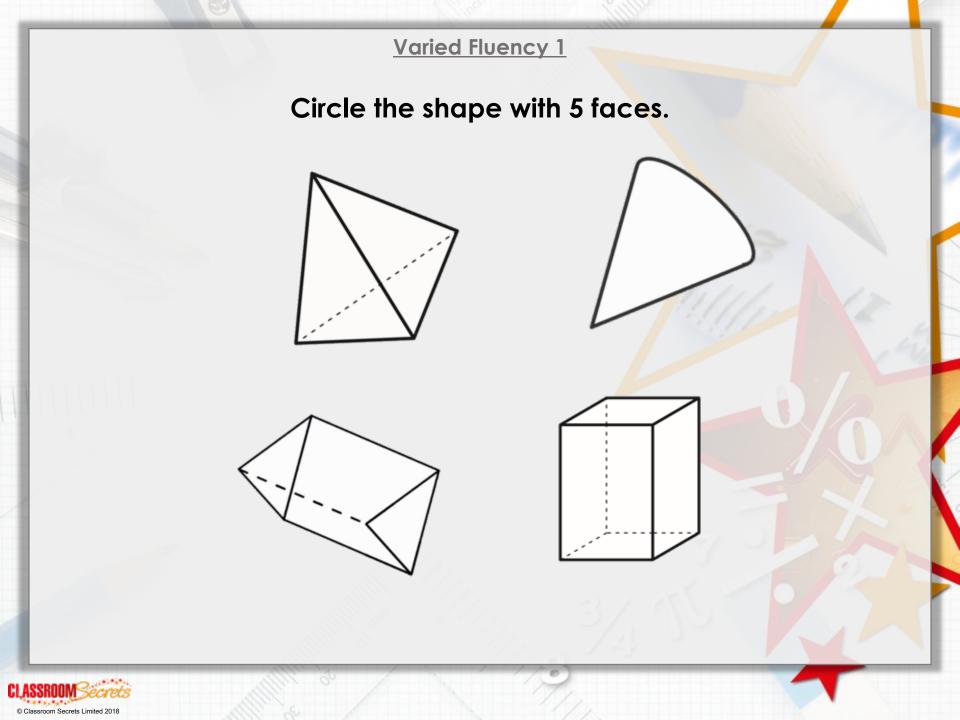
Can you practice your 2 x table with the Numberock crew?

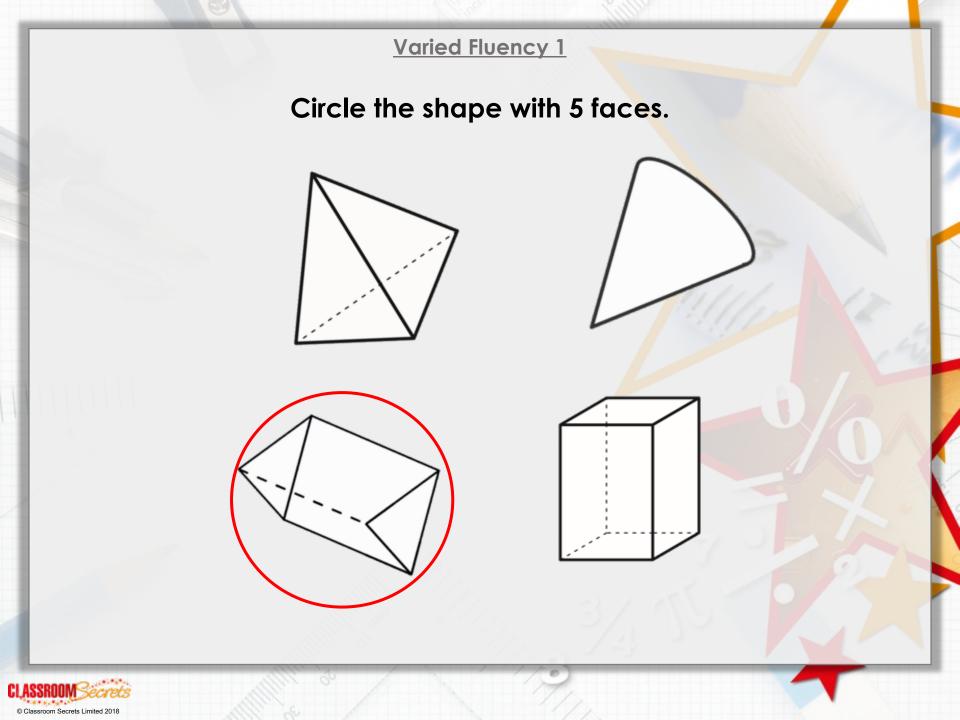
https://www.youtube.com/watch?v=6RHvIUry_uc





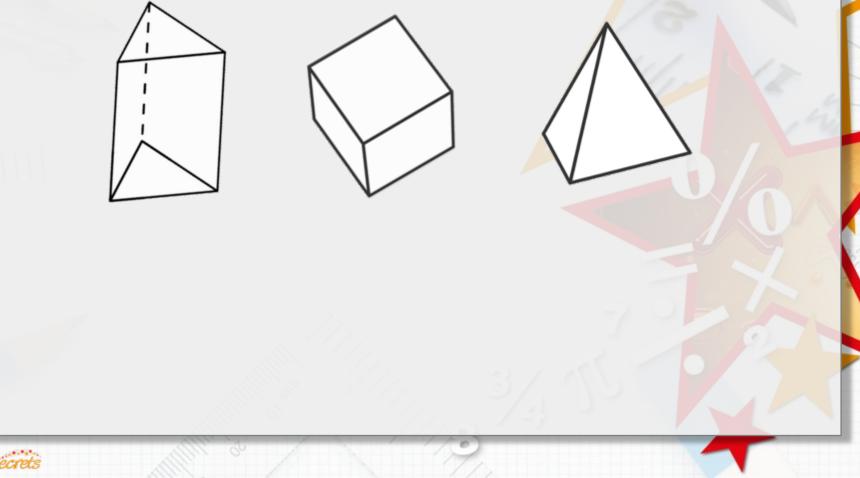






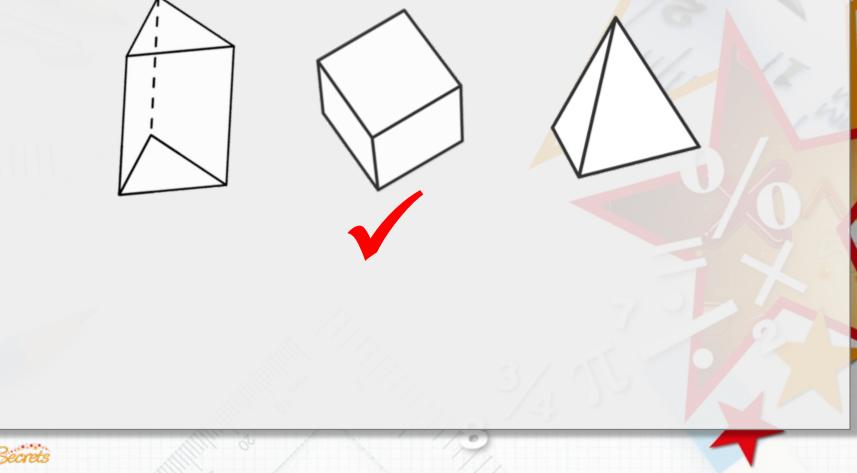
Varied Fluency 2

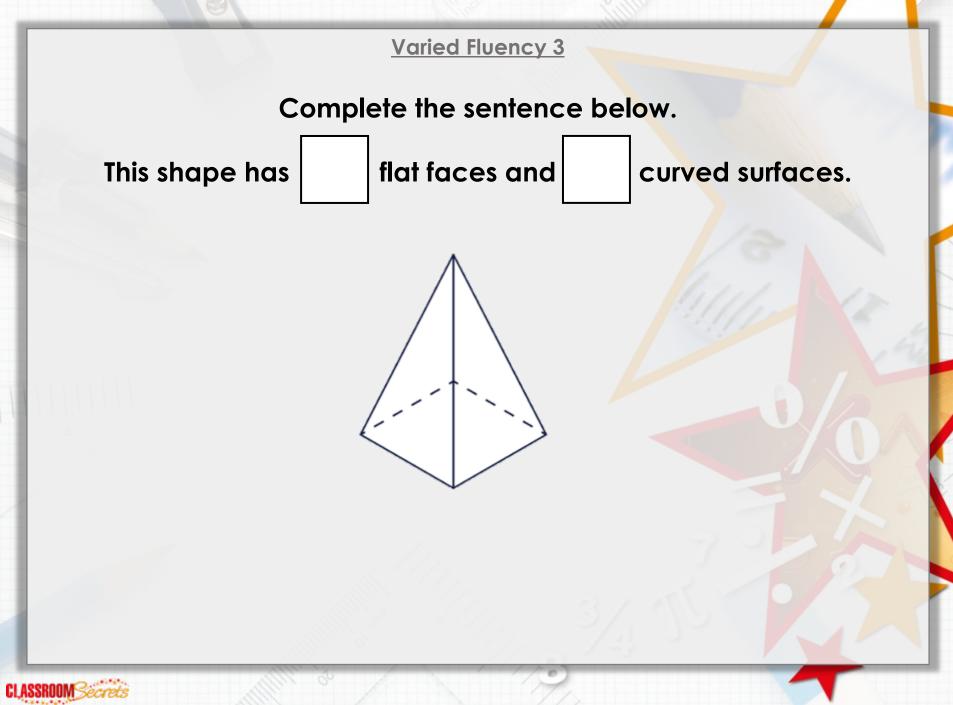
Tick the shape below that has 6 flat faces and 0 curved surfaces.

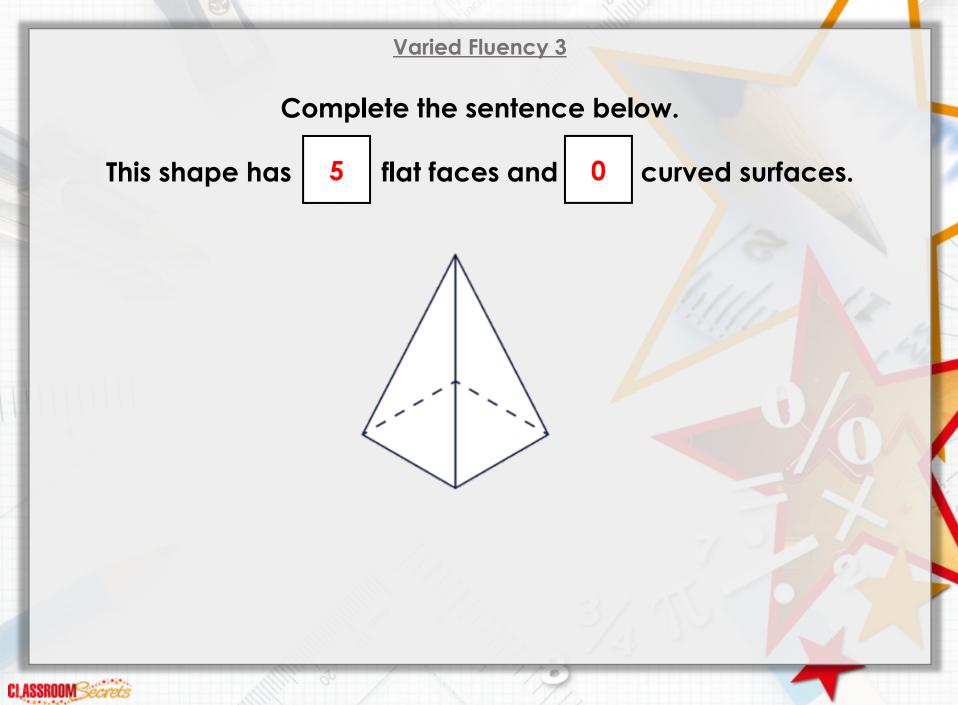


Varied Fluency 2

Tick the shape below that has 6 flat faces and 0 curved surfaces.

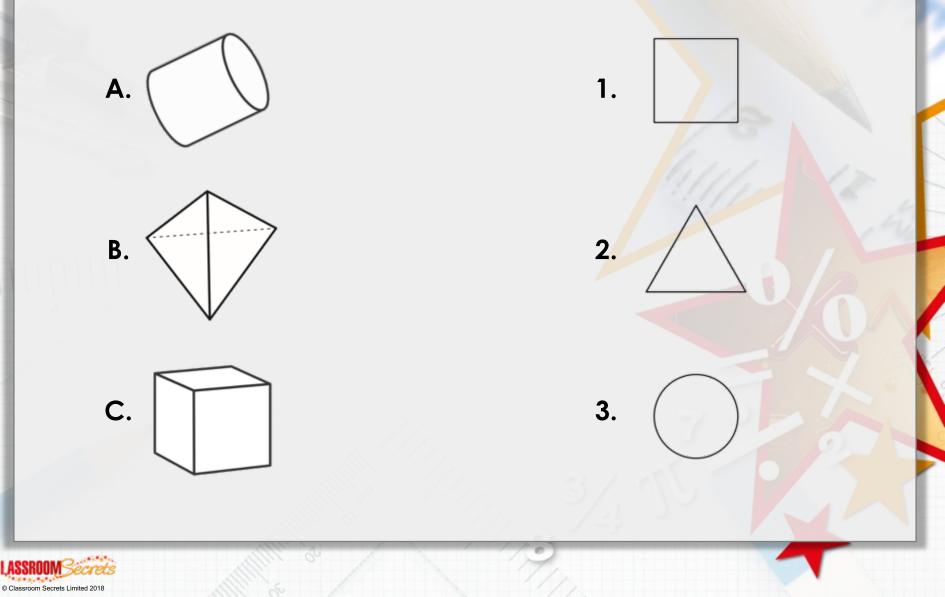






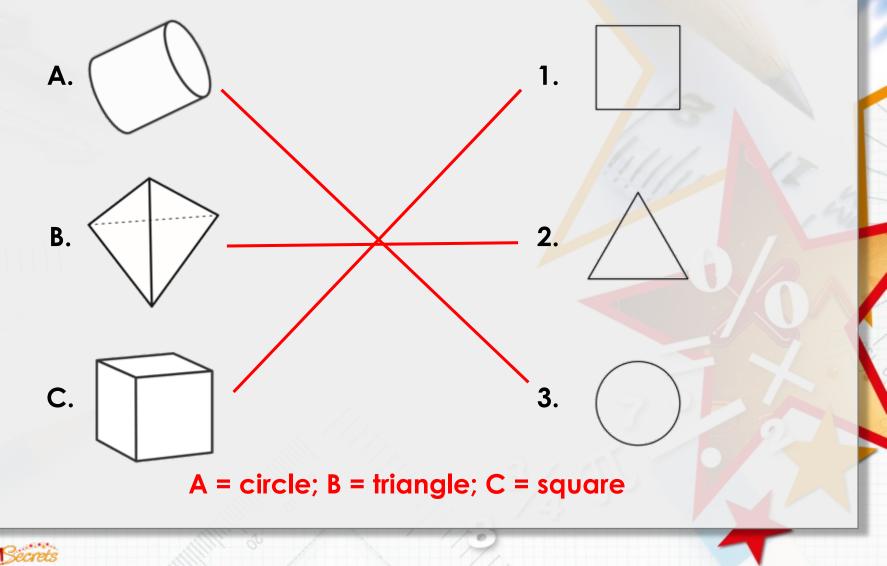
Varied Fluency 4

Which 2D shapes can you see on the flat faces of the 3D shapes?

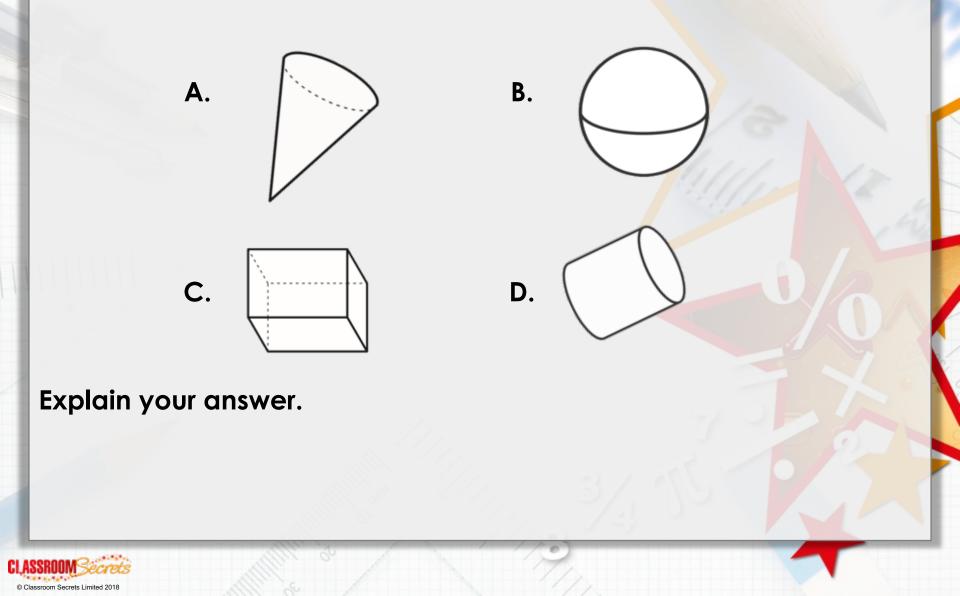


Varied Fluency 4

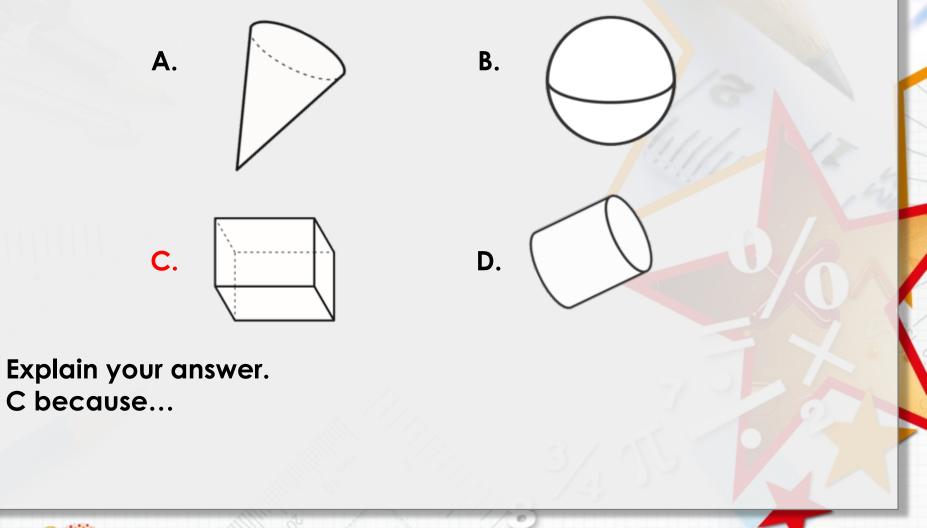
Which 2D shapes can you see on the flat faces of the 3D shapes?



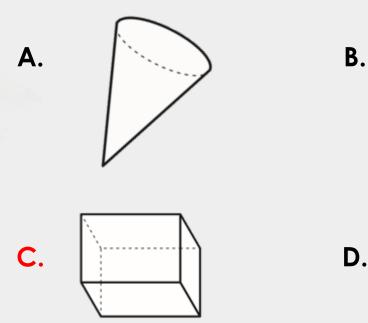
Look at the surface of the shapes. Which shape is the odd one out?



Look at the surface of the shapes. Which shape is the odd one out?



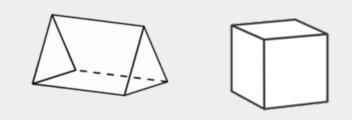
Look at the surface of the shapes. Which shape is the odd one out?



Explain your answer. C because it is the only shape that does not have a curved surface.



Complete the table below.

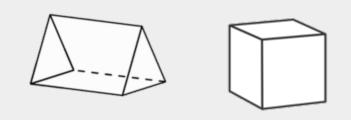




Name	Number of flat faces	2D shape of faces
		square
cone		
		triangle



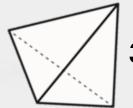
Complete the table below.



		held
Name	Number of flat faces	2D shape of faces
cube	6	square
cone	1	circle
triangular prism	5	triangle rectangle

© Classroom Secrets

Which group of shapes has the most number of flat faces?



3 triangle-based pyramids

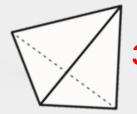
3 cylinders



2 square-based pyramids



Which group of shapes has the most number of flat faces?



3 triangle-based pyramids

3 cylinders

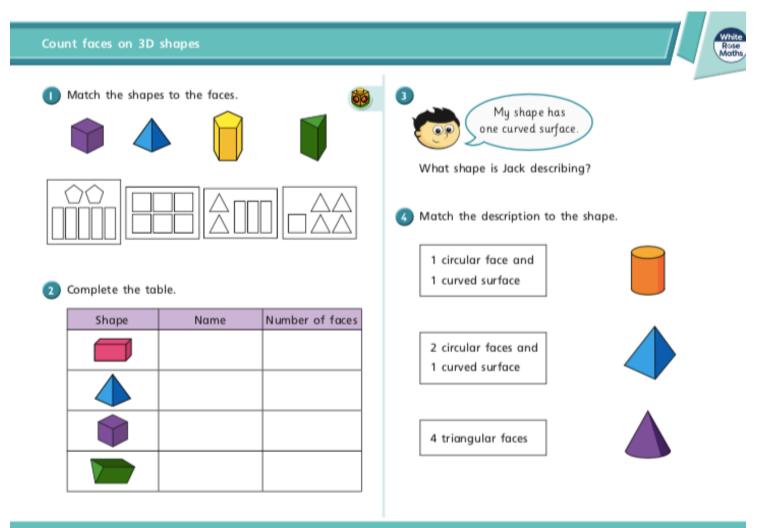


2 square-based pyramids

3 triangle-based pyramids have the most flat faces (12 in total). 3 cylinders = 6 flat faces 2 square-based pyramids = 10 flat faces



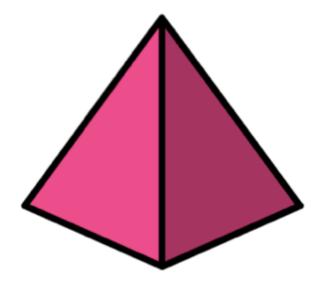
Independent task



Skill: I can count the edges on a 3 D shape

Big Question

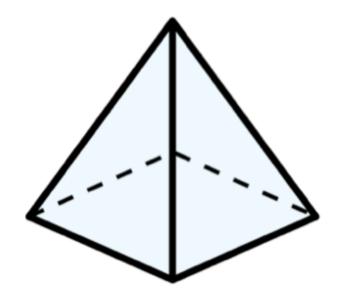
A square-based pyramid has 4 faces.





False

A square-based pyramid has 5 faces.

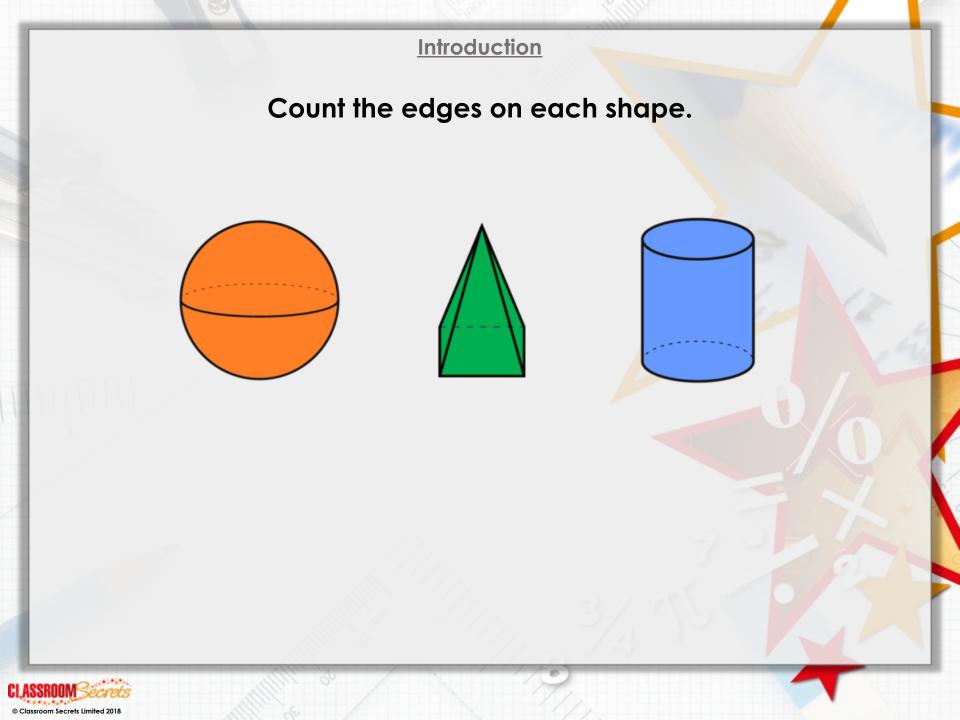


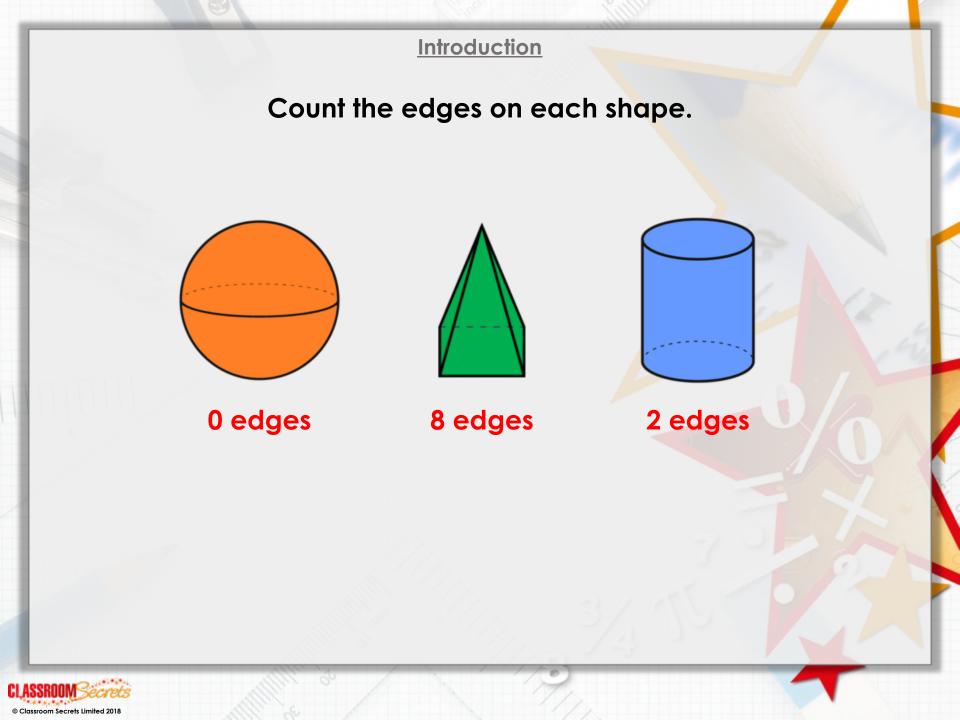


Can you practice your 10 x table with the Numberock crew?

https://www.youtube.com/watch?v=5kwIccQGcr0

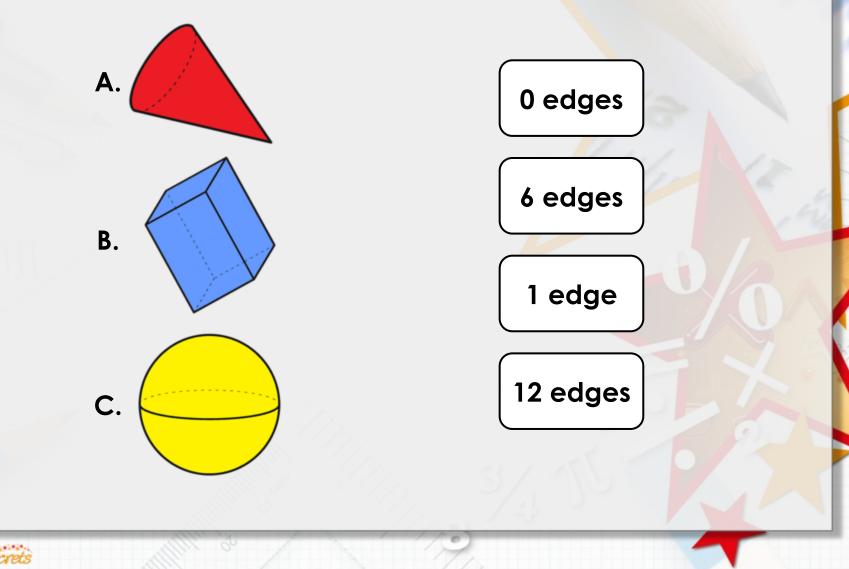


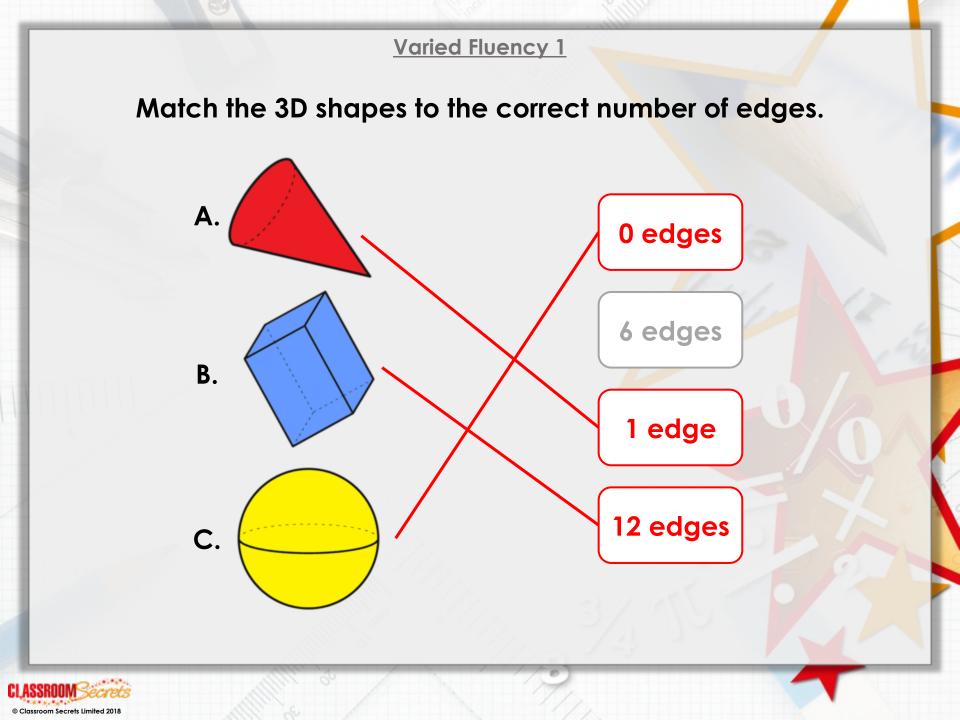


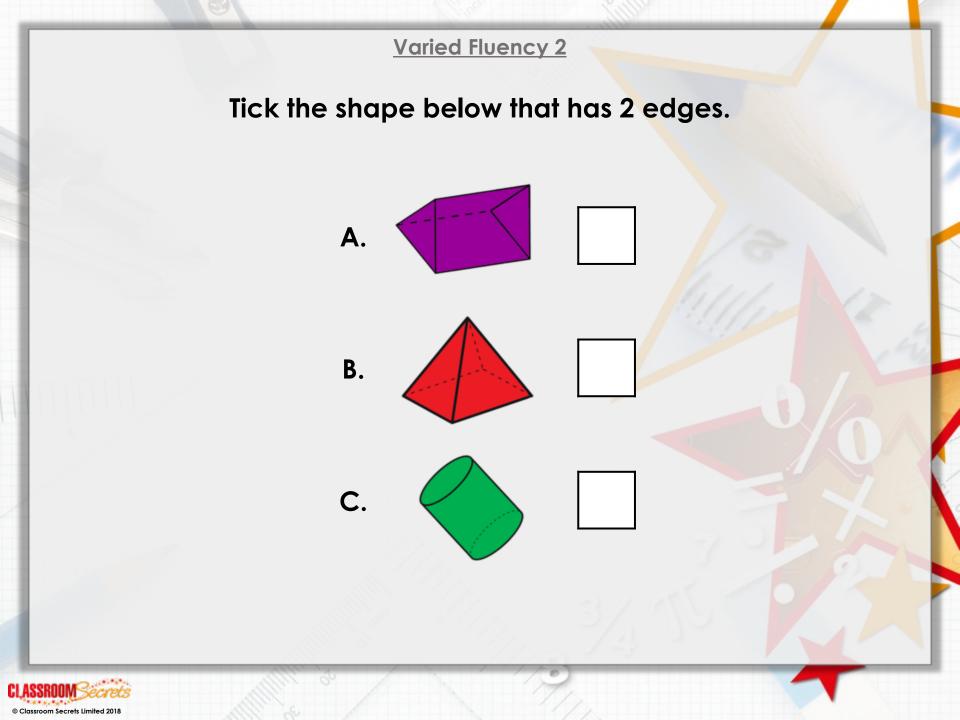


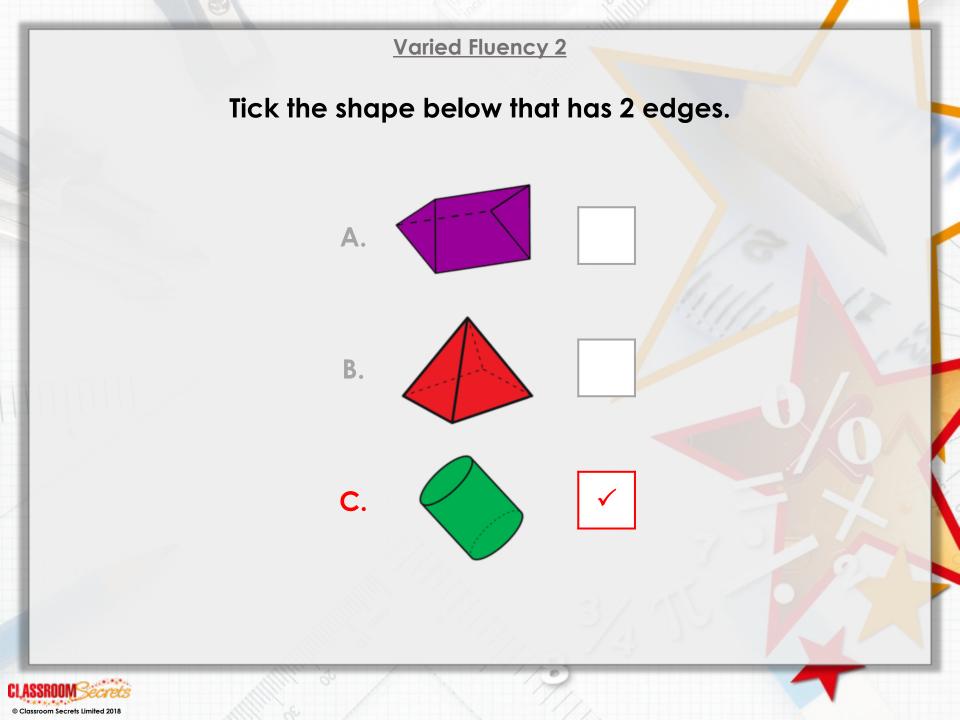


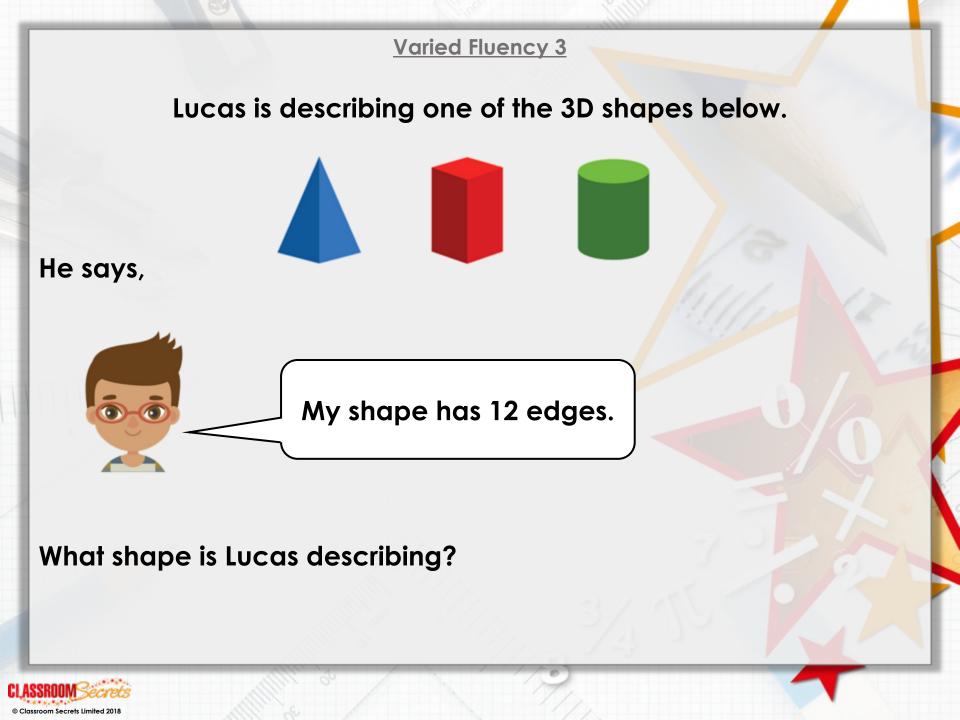
Match the 3D shapes to the correct number of edges.

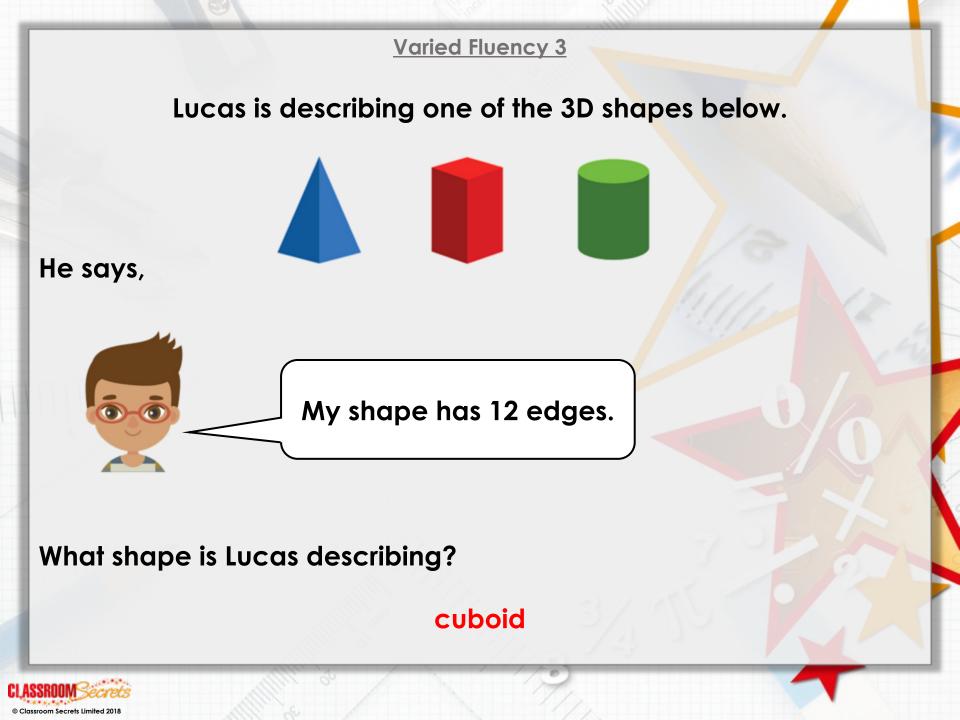


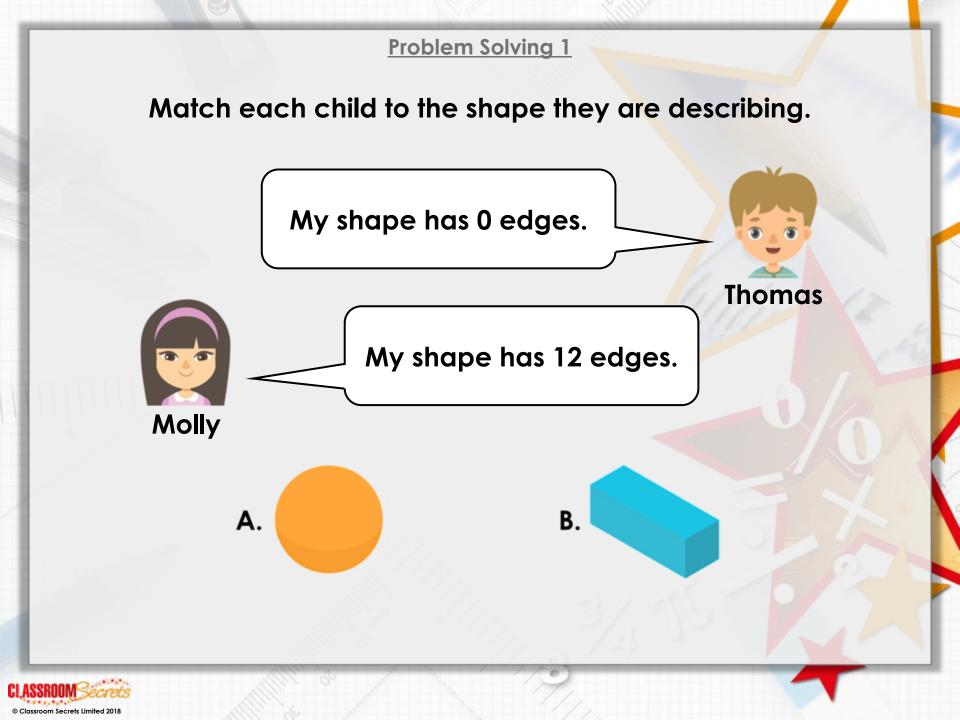


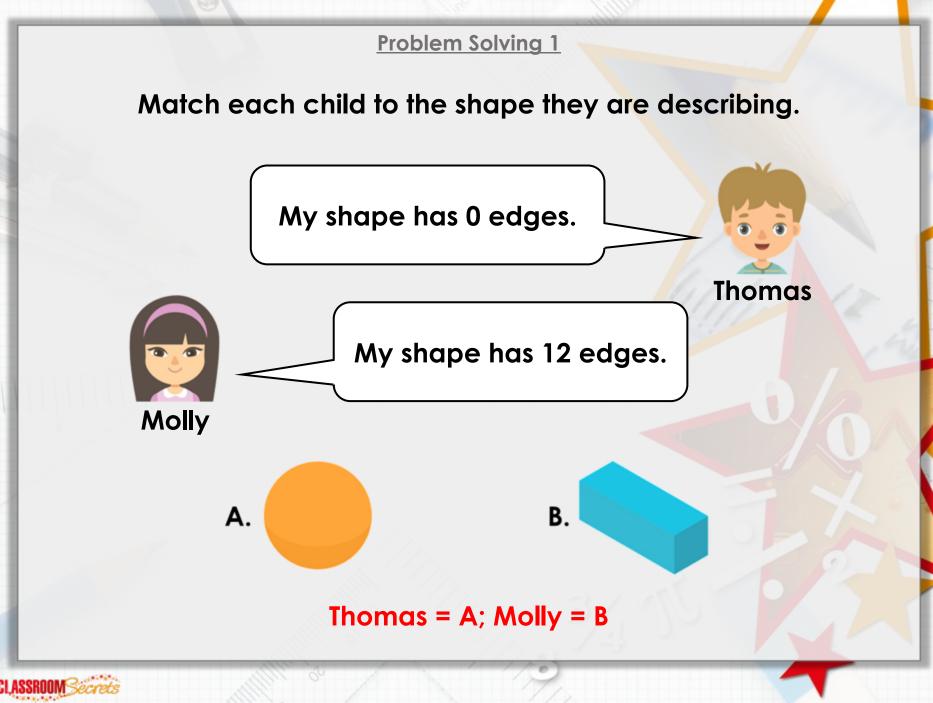


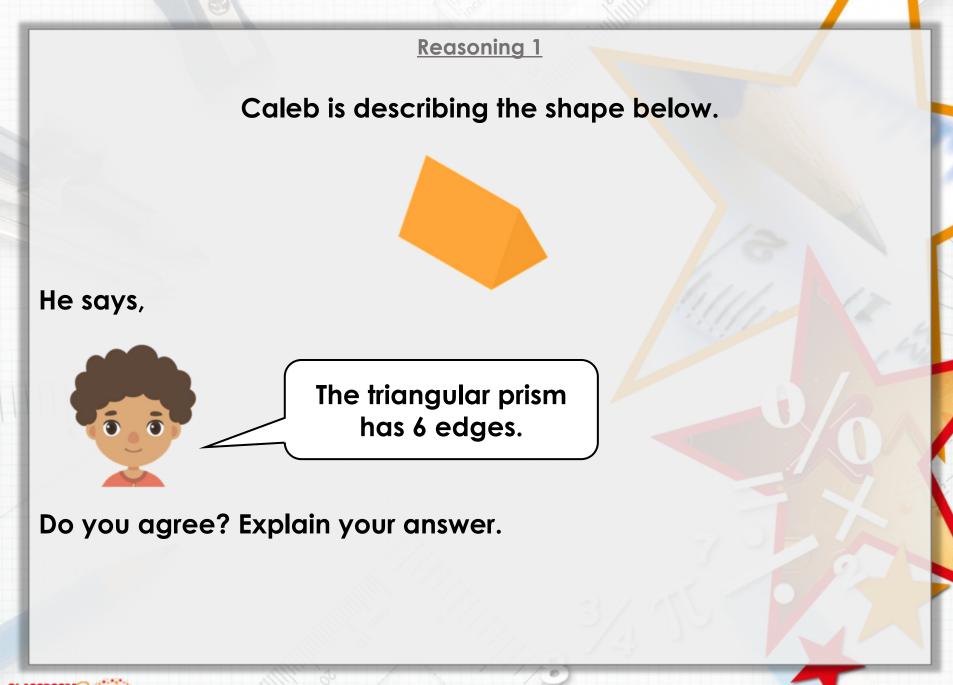


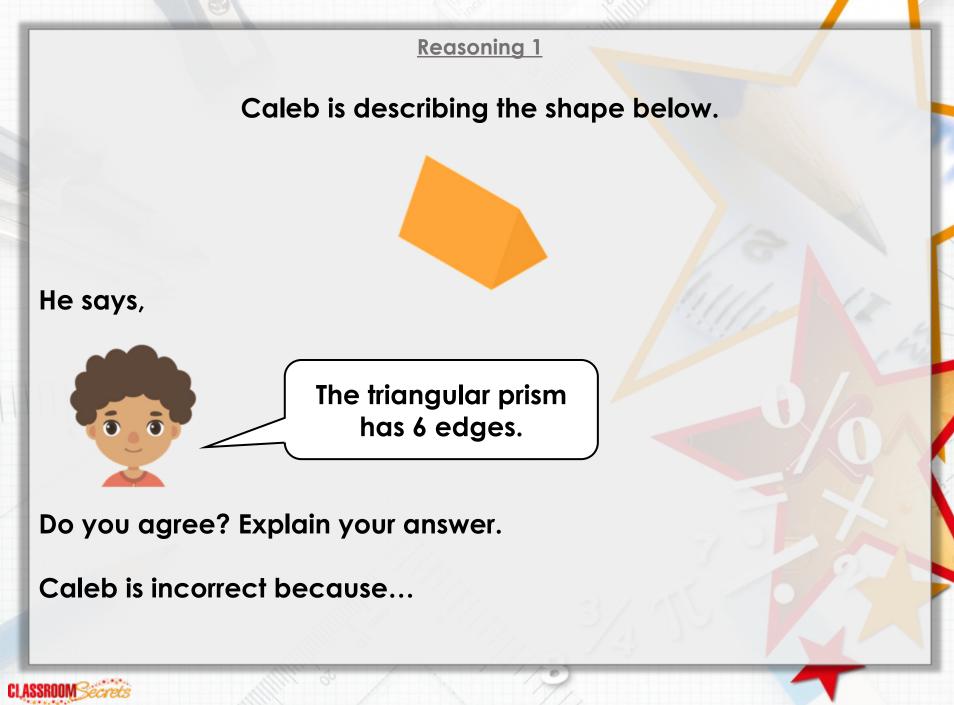


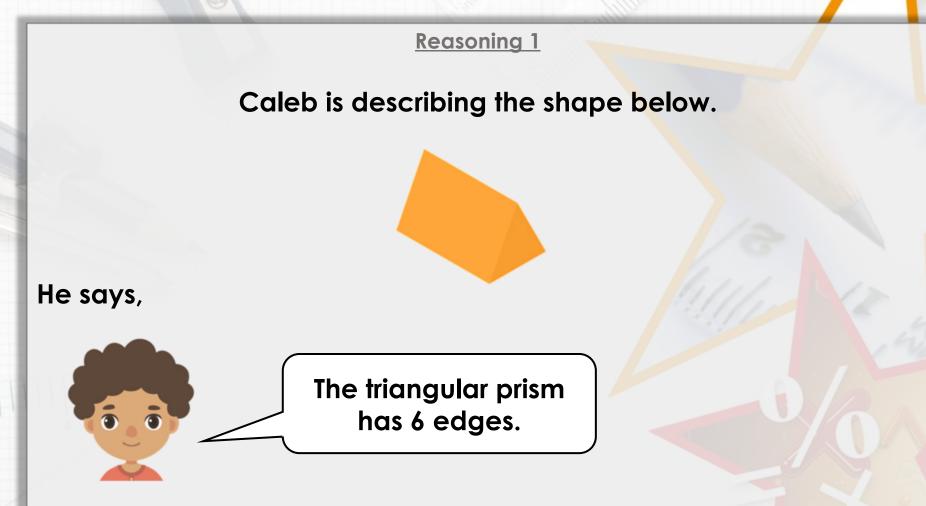








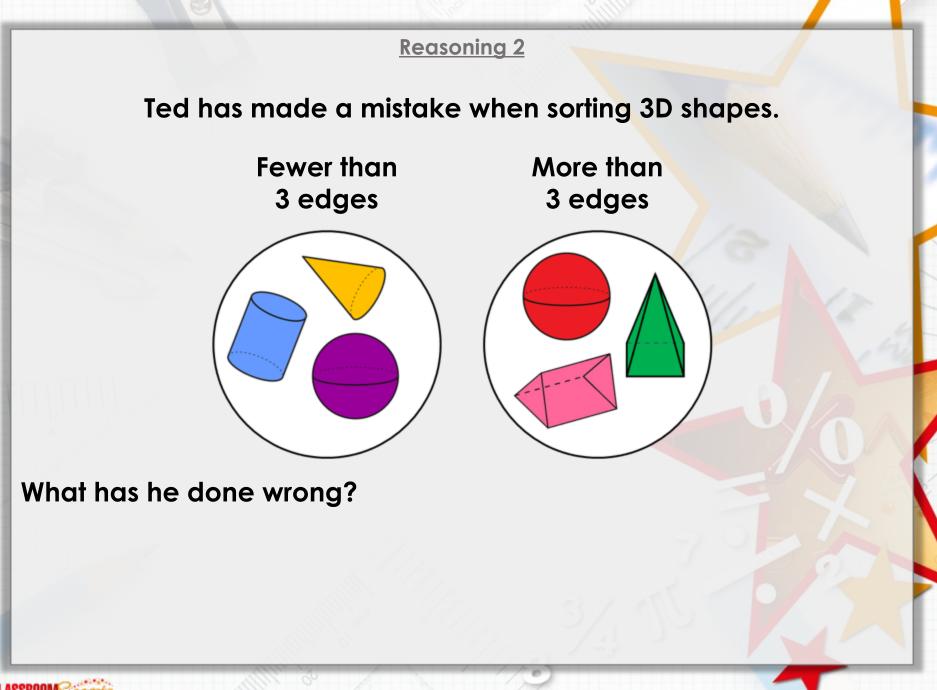




Do you agree? Explain your answer.

Caleb is incorrect because the triangular prism has 9 edges.





Ted has made a mistake when sorting 3D shapes.

Fewer than 3 edges

More than 3 edges

What has he done wrong?

Ted has but the sphere in the wrong group because...



Ted has made a mistake when sorting 3D shapes.

Fewer than 3 edges

More than 3 edges

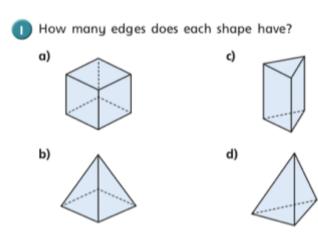
What has he done wrong?

Ted has but the sphere in the wrong group because a sphere has 0 edges which is fewer than 3. Both spheres should be in the same group.



Independent task

Count edges on 3D shapes



Complete the table.

Shape	Name	Number of edges	

