

Lesson 1

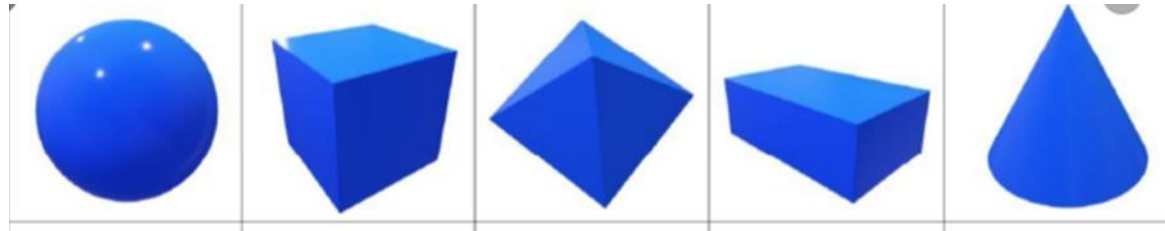
L.O: I am learning to identify nets of 3D shapes.



Starter-Revising the names and properties of 3D shapes.

In order to understand nets of 3D shapes, it's important that you understand the properties of 3D shape – particularly the shape and number of faces.

Can you name these shapes and their properties?



Name:
Faces:
Edges:
Vertices:













Name:
Faces:
Edges:
Vertices:



Starter-Revising the names and properties of 3D shapes.

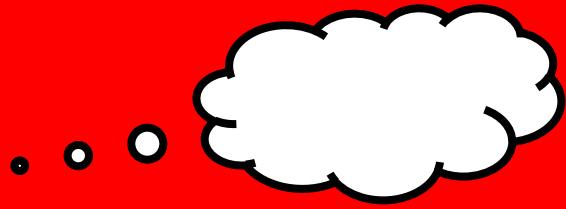
Answers:

				
sphere	cube	square based pyramid	cuboid	cone
1 curved surface	6 faces	5 faces	6 faces	1 face 1 curved surface
no edges	12 edges	8 edges	12 edges	1 edge
no vertices	8 vertices	5 vertices	8 vertices	0 vertices
				
triangle based pyramid	triangular prism	cylinder	hexagonal prism	octahedron
4 faces	5 faces	2 faces 1 curved surface	8 faces	8 faces
6 edges	9 edges	12 edges	18 edges	12 edges
4 vertices	6 vertices	no vertices	12 vertices	6 vertices

Watch this Video

<https://www.youtube.com/watch?v=SwDjm6Ra1W4>





Test Yourself!

Complete this 3D nets quiz to see what you can remember from the video.

<https://www.turtlediary.com/game/nets-of-3d-shapes.html>

Once you have finished turn this assignment in on Google Classroom.



Task

All	All of you must complete the fluency section.
Most	Most of you will complete the fluency and reasoning sections.
Some	Some of you will complete the fluency, reasoning, and problem-solving sections.

Try your best – it is all we can ask for! 😊

This video may help if you are stuck at any point:

<https://corbettmaths.com/2013/12/23/nets-2/>