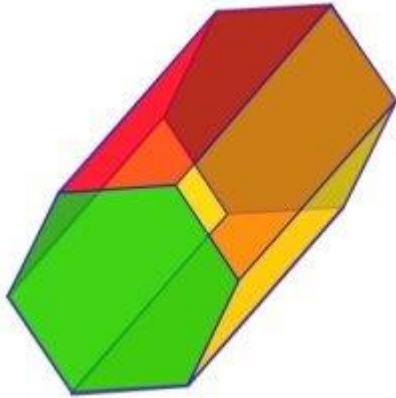
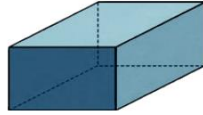


- 1) a) Name three different 3D shapes that have at least one rectangular face.
- b) Name two different 3D shapes that have a curved surface.



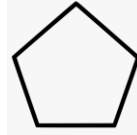
Shapes that have eight vertices.

Which could be the odd one out? Think of more than one example.

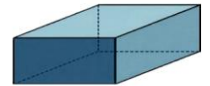
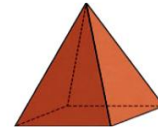
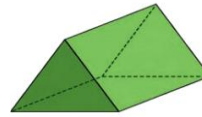


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- 1) What is the difference between these 2D shapes?



- 2) Thinking about these 3D shapes, which could be the odd one out and why? Can you think of more than one example?



- 1) True or False?

- a) A cylinder is a type of prism.
- b) A cuboid is the only 3D shape to have rectangular faces.
- c) A triangular prism has six vertices.



- 2) Arnold is looking carefully at a square-based pyramid. He says:

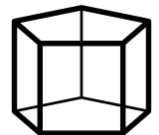
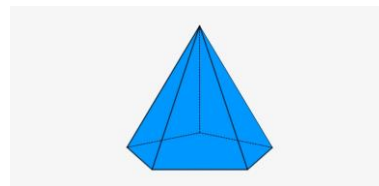
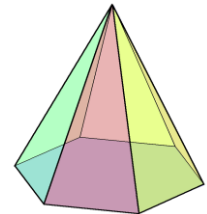
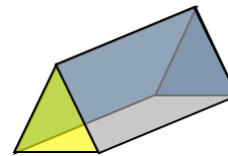
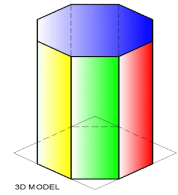
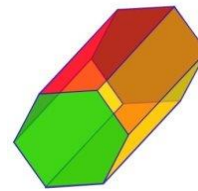


This 3D shape has the same number of faces as vertices.

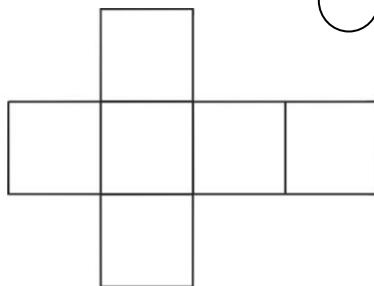
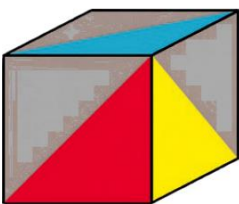
Investigate to find out if this is true for all pyramids. What have you learnt from your investigation? What are your findings?

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1. Name these 3D shapes. Which shapes have the same number of sides?



- 1) Saira wants to create a net of the cube shown above. How should she colour the net to ensure it looks like the picture shown when constructed?



Is there more than one way to achieve this?

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