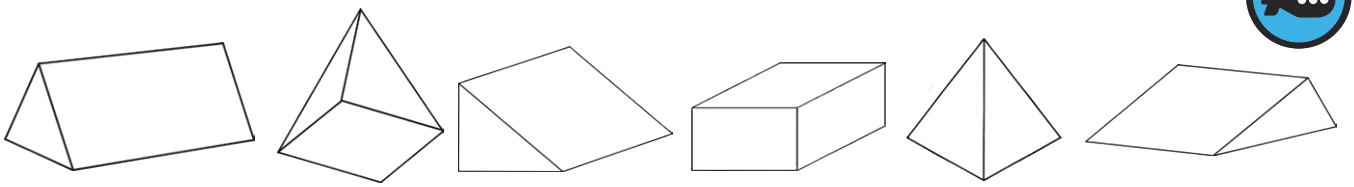
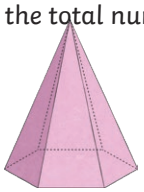
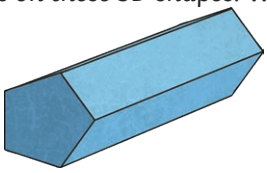
1) Colour the triangular prisms red and the pyramids blue:



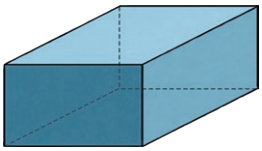
2) Identify the total number of vertices on these 3D shapes. Write the number underneath each shape.



Hexagonal-based pyramid

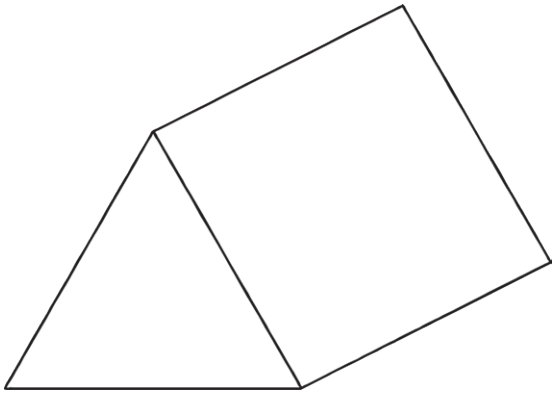


Pentagonal Prism



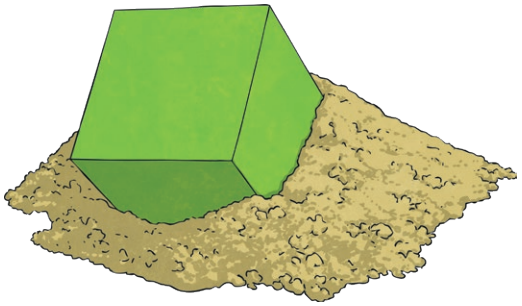
Cuboid

1) Use a coloured pencil to draw in the edges that are not visible on this prism.

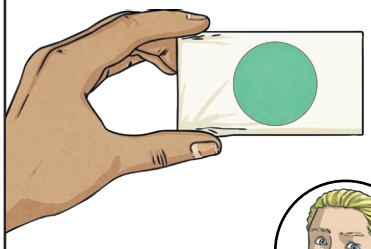


2) A 3D shape has fallen in the mud. This is what it looks like. What shape **could** it be?

_____



1) Penny looks at a photograph of a 3D shape and sees this:



She says:

The flat, circular face shows me that this shape has to be a cylinder.

Is she correct?

_____

Why?

_____

2) Write, 'always', 'sometimes' or 'never' next to each statement to show if it is always true, sometimes true or never true:

A cone has a circular face.

_____

A prism has more than 12 edges.

_____

A cuboid has no square faces.

_____

A cube has 3 visible faces from any angle.

_____