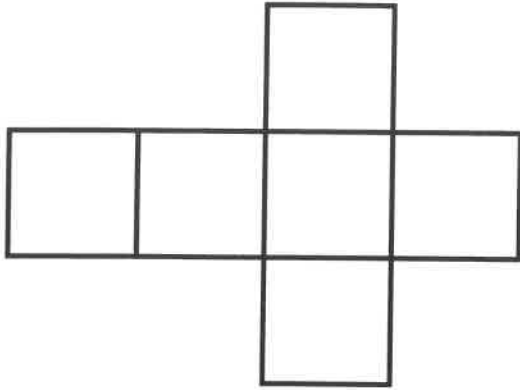


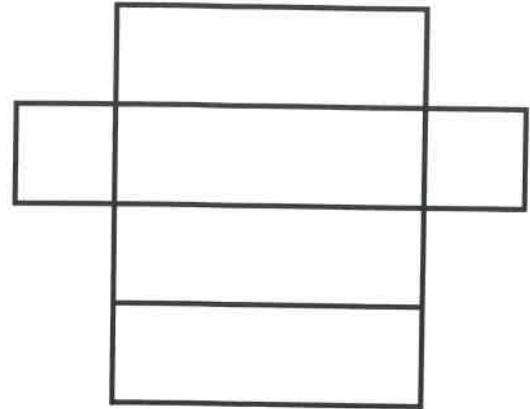
Reasoning about 3D Shapes

Reasoning about 3D Shapes

1a. Count and name the 2D shapes in this net.



1b. Count and name the 2D shapes in this net.

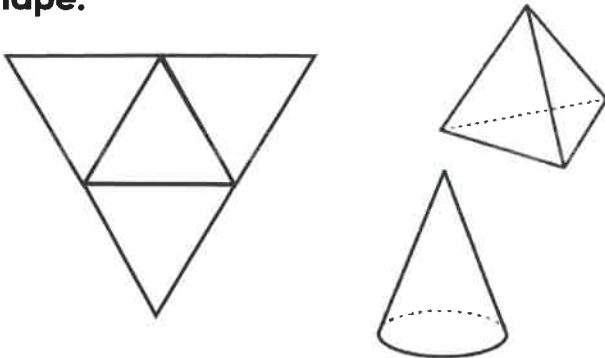


VF

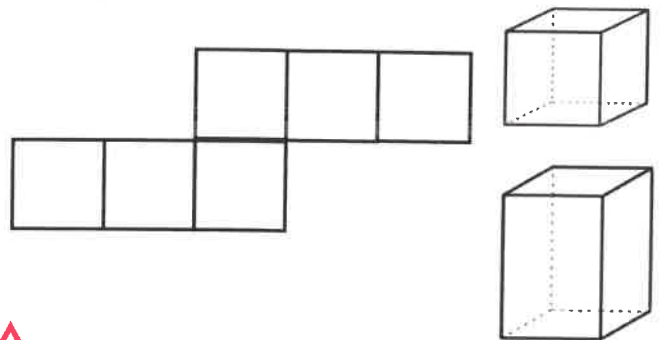


VF

2a. Match the net to the correct 3D shape.



2b. Match the net to the correct 3D shape.



VF



VF

3a. Which 3D shape does the statement describe?

I have 4 rectangular faces and 2 square faces.

3b. Which 3D shape does the statement describe?

My base is a square and I have 4 triangular faces.



VF



VF

4a. Match the faces to the correct 3D shapes.

8 square faces

square based pyramid

4b. Match the faces to the correct 3D shapes.

4 rectangular faces

triangular based pyramid

1 square base

triangular based pyramid

6 square faces

cube

4 triangular faces

cube

A triangular base

cuboid



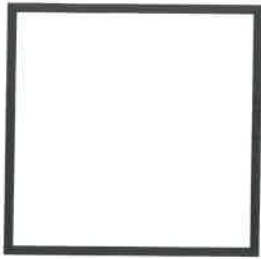
VF



VF

Reasoning about 3D Shapes

1a. Below is one shape from the net of a 3D shape.



triangular based pyramid

cube

square based pyramid

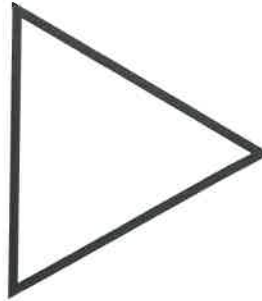
Which 3D shapes could you create? Name the other 2D shapes you would need to complete the shape.



PS

Reasoning about 3D Shapes

1b. Below is one shape from the net of a 3D shape.



cuboid

square based pyramid

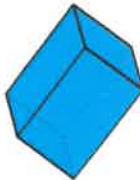
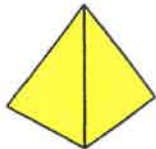
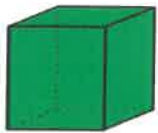
triangular based pyramid

Which 3D shapes could you create? Name the other 2D shapes you would need to complete the shape.



PS

2a. Which of these 3D shapes could cast this shadow?

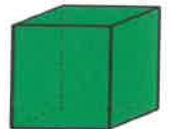
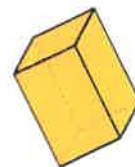
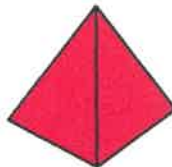


Explain your answer.



R

2b. Which of these 3D shapes could cast this shadow?

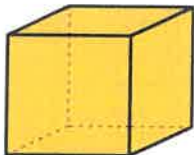
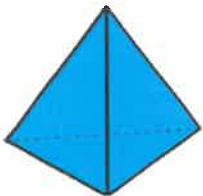


Explain your answer.



R

3a. Considering the properties of the shapes below, which is the odd one out?

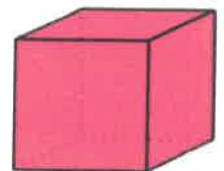
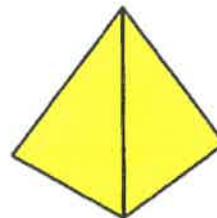
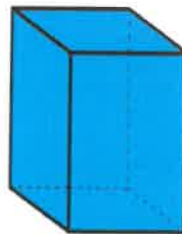


Explain your answer.



R

3b. Considering the properties of the shapes below, which is the odd one out?



Explain your answer.



R