4a. Below is one shape from the net of a 3D shape.

Name three 3D shapes that include this shape. List the other 2D shapes you would need to complete the net.
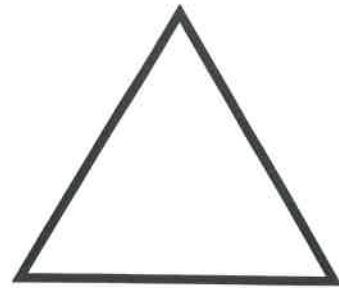
PS

4b. Below is one shape from the net of a 3D shape.

Name three 3D shapes that include this shape. List the other 2D shapes you would need to complete the net.

PS

5a. Which of these 3D shapes could cast this shadow?

octagonal based pyramid

hexagonal prism

pentagonal prism

Explain your answer.

R

5b. Which of these 3D shapes could cast this shadow?

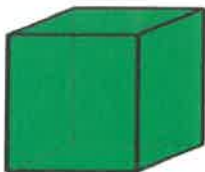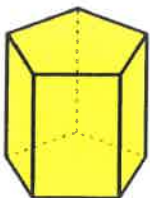triangular based pyramid

pentagonal prism

cube

Explain your answer.

R

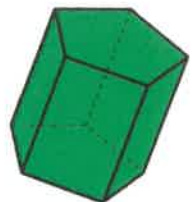**6a.** Considering the properties of the shapes below, which is the odd one out?
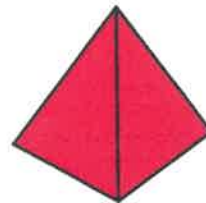
Explain your answer.

R

6b. Considering the properties of the shapes below, which is the odd one out?
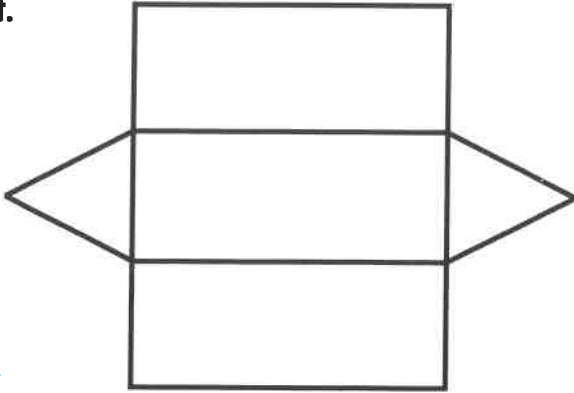
Explain your answer.
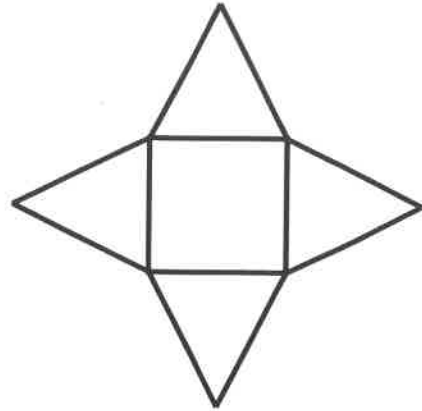
R

Reasoning about 3D Shapes

Reasoning about 3D Shapes
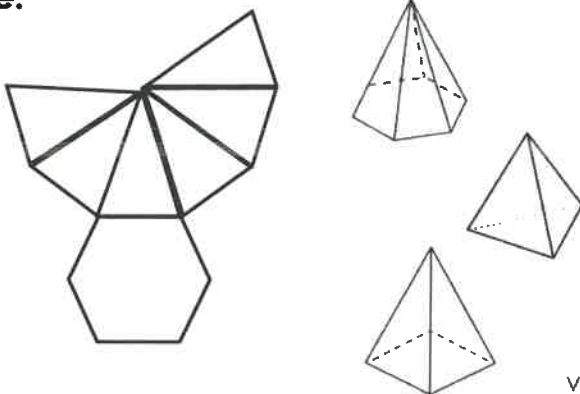
5a. Count and name the 2D shapes in this net.

VF
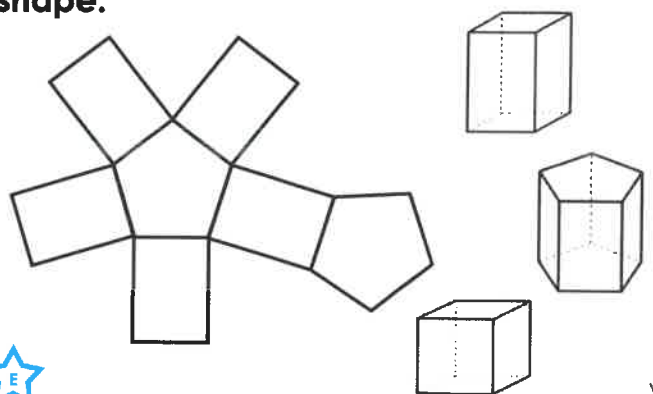
5b. Count and name the 2D shapes in this net.

VF

6a. Match the net to the correct 3D shape.

VF

6b. Match the net to the correct 3D shape.

VF

7a. Which 3D shape does the statement describe?

My base is a pentagon and I have another opposite. All other faces are rectangles.

VF

7b. Which 3D shape does the statement describe?

I have five faces. Two faces are triangles and three faces are rectangles.

VF

8a. Match the faces to the correct 3D shapes.

5 rectangular faces	cuboid
2 triangular faces	pentagonal prism
4 rectangular faces	triangular prism

VF

8b. Match the faces to the correct 3D shapes.

A square face	cube
2 pentagonal faces	square based pyramid
6 square faces	pentagonal prism

VF