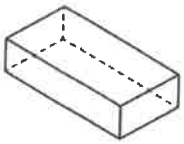
Nets of 3D Shapes

1a. Which of the 2D shapes is not a face of this cuboid?



Triangle

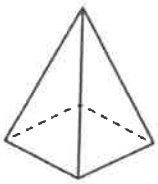
Rectangle

D

VF

Nets of 3D Shapes

1b. Which of the 2D shapes is not a face of this square-based pyramid?



Triangle

Circle

D

VF

2a. List which 2D shapes (and how many of each) you would need to use to make a net of this 3D shape.

D

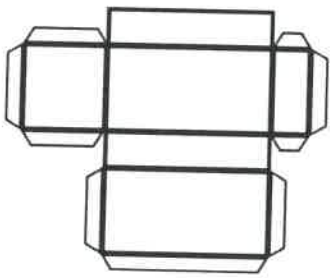
VF

2b. List which 2D shapes (and how many of each) you would need to use to make a net of this 3D shape.

D

VF

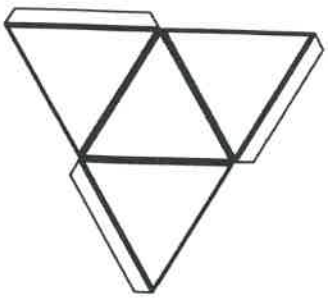
3a. This net would make a cuboid; true or false?



D

VF

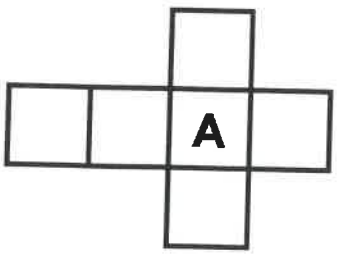
3b. This net would make a triangular based pyramid; true or false?

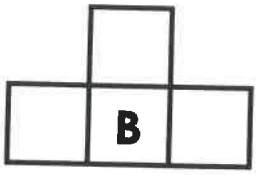


D

VF

4a. Which of these nets would make a cube? Which would not?

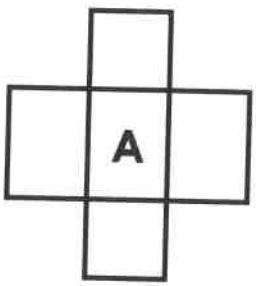


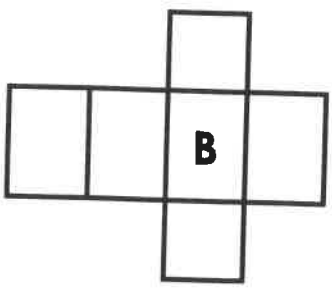


D

VF

4b. Which of these nets would make a cuboid? Which would not?



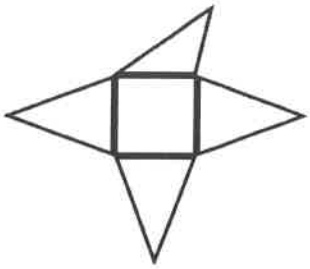


D

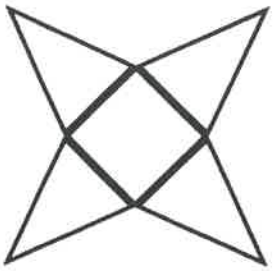
VF

Nets of 3D Shapes

1a. Ben and Chloe have made nets of a square-based pyramid. Check which nets would work and explain any mistakes which have been made.



Ben

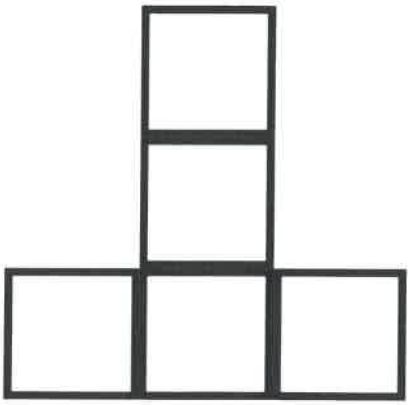


Chloe

D

R

2a. Lily has not been able to finish this net of a cube. Complete the net for her.



D

PS

3a. Karl is thinking about 3D shapes.

I will always need a square to make a cuboid.

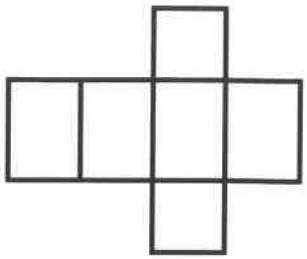
Is he correct? Explain your answer.

D

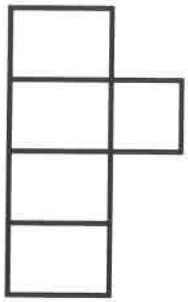
R

Nets of 3D Shapes

1b. Rosie and Lucas have made nets of a cuboid. Check which nets would work and explain any mistakes which have been made.



Rosie

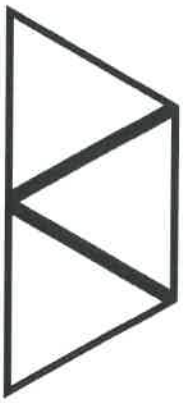


Lucas

D

R

2b. Len has not been able to finish this net of a triangular-based pyramid. Complete the net for him.



D

PS

3b. Kristen is thinking about 3D shapes.

I will always need four triangles to make a square-based pyramid.

Is she correct? Explain your answer.

D

R