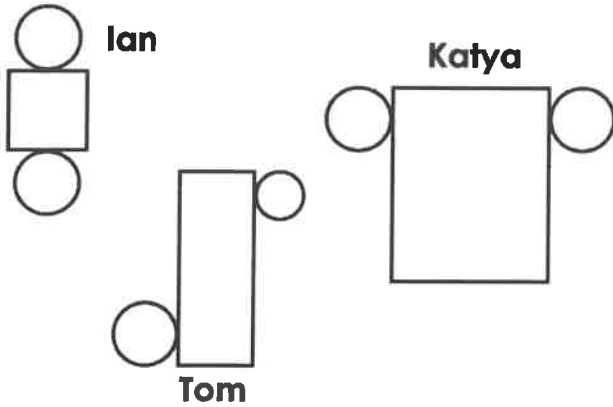


## Nets of 3D Shapes

4a. Ian, Katya and Tom have made nets of a cylinder. Check which nets would work and explain any mistakes which have been made.



R

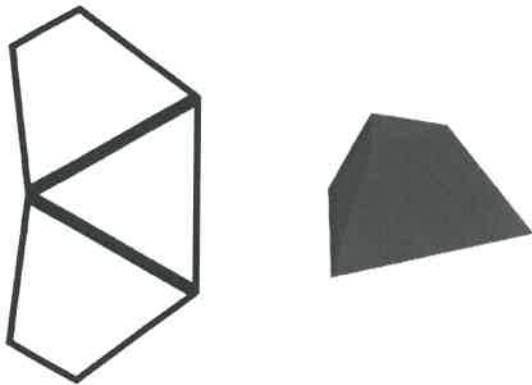
## Nets of 3D Shapes

4b. Ryan, Fleur and Saz have made nets of a truncated hexagonal-based pyramid. Check which nets would work and explain any mistakes which have been made.



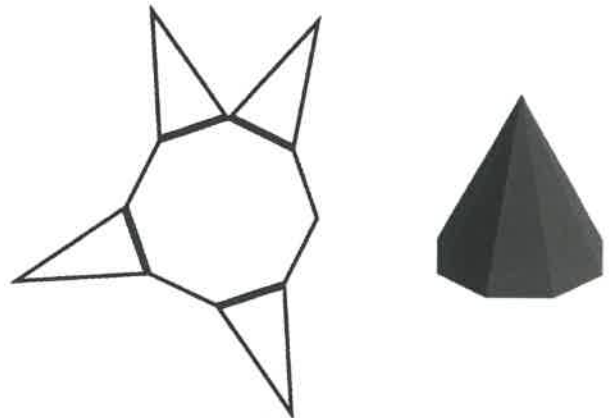
R

5a. Doug has not been able to finish this net of a truncated triangular-based pyramid. Complete the net for him.



PS

5b. Tonya has not been able to finish this net of an octagonal-based pyramid. Complete the net for her.



PS

6a. Leia is thinking about 3D shapes.



I will always need a sector of a circle to make a circular-based cone.

Is she correct? Explain your answer.



R

6b. Marshall is thinking about 3D shapes.



I will always need an equilateral triangle to make a pentagonal-based pyramid.

Is he correct? Explain your answer.

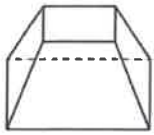


R

## Nets of 3D Shapes

## Nets of 3D Shapes

5a. Which of the 2D shapes is not a face of this truncated pyramid?



Trapezium

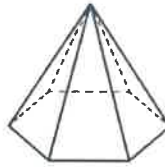
Square

Parallelogram



VF

5b. Which of the 2D shapes is not a face of this hexagonal-based pyramid?



Scalene triangle

Isosceles triangle

Hexagon



VF

6a. List which 2D shapes (and how many of each) you would need to use to make a net of this 3D shape.



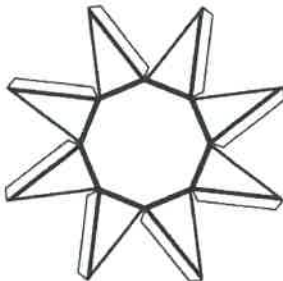
VF

6b. List which 2D shapes (and how many of each) you would need to use to make a net of this 3D shape.



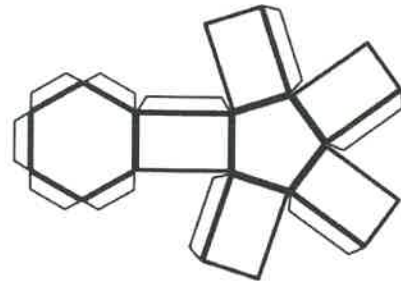
VF

7a. This net would make an octagonal-based pyramid; true or false?



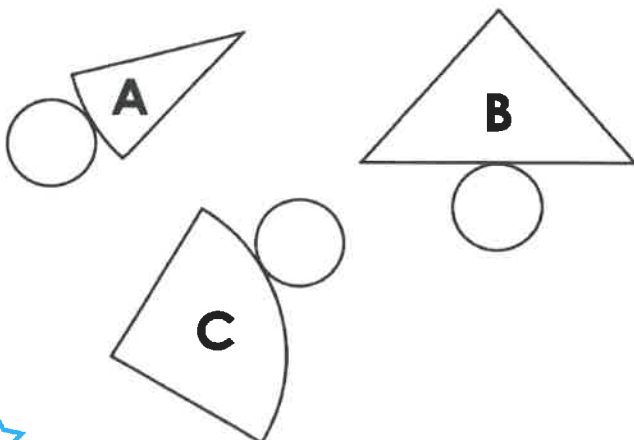
VF

7b. This net would make a pentagonal prism; true or false?



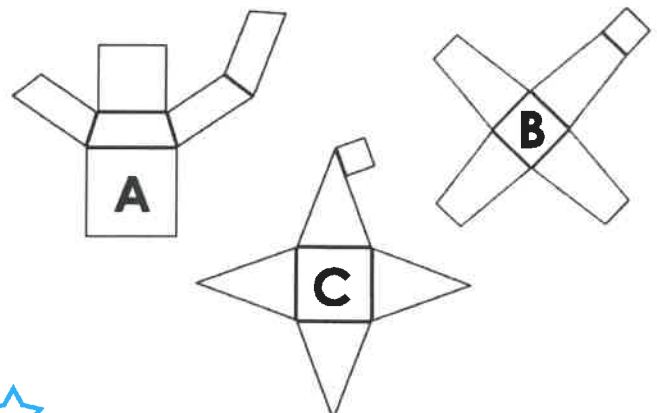
VF

8a. Which of these nets would make a cone? Which would not?



VF

8b. Which of these nets would make a truncated pyramid? Which would not?



VF