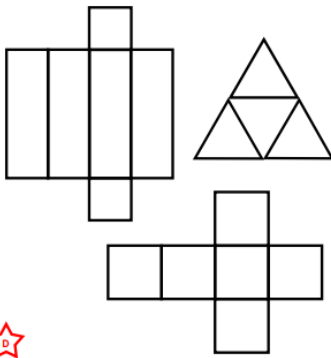


Tricky

1. Use the nets of the 3D shapes to complete the table.



Name of Shape	2D Faces	Number of Edges	Number of Vertices
		12	
Cube			8
	4 triangles		



VF
HW/Ext

2. The children have lost their shapes. Match the children to the correct 3D shape.



My shape has square and rectangular faces.

Nadia



My shape has square and triangular faces.

Ty



My shape has only square faces.

Precious



My shape only has triangular faces.

Peter

A.



B. Triangular based pyramid

C.



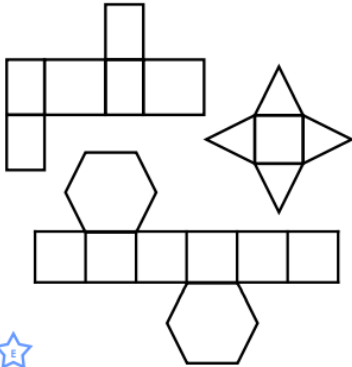
D. Square based pyramid



VF
HW/Ext

Trickier

4. Use the nets of the 3D shapes to complete the table.



Name of Shape	2D Faces	Number of Edges	Number of Vertices
	1 square 4 triangles		
Cuboid			
		18	



VF
HW/Ext

5. The children have lost their shapes. Match the children to the correct 3D shape.



My shape has square faces.

Lola



My shape only has triangular faces.

Kara



My shape has 6 rectangular faces.

Tom



My shape has two pentagonal faces.

Jemal

A. Hexagonal prism

B.



C. Triangular pyramid

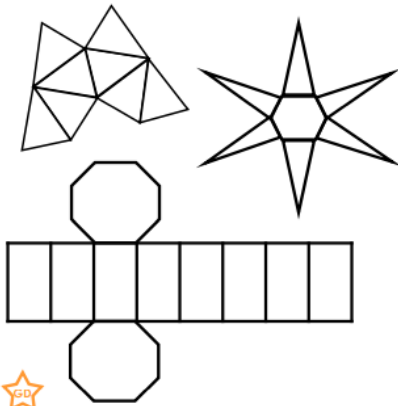
D.



VF
HW/Ext


Trickiest

7. Use the nets of the 3D shapes to complete the table.




Name of Shape	2D Faces	Number of Edges	Number of Vertices
			7
	8 triangles		
Octagonal prism			

8. The children have lost their shapes. Match the children to the correct 3D shape.




My shape has pentagonal faces.

Arjun




My shape includes 7 rectangular faces.

Layla



My shape has faces that are isosceles triangles.


Callum



My shape has four rectangular faces.

Kate

A. Hexagonal pyramid

B. 

C. Dodecahedron

D. Trapezium prism

Answers

Tricky

1.

Name of Shape	2D Faces	Number of Edges	Number of Vertices
Cuboid	2 squares 4 rectangles	12	8
Cube	6 squares	12	8
Triangular based Pyramid	4 triangles	6	4

2. Nadia – A; Precious – C; Ty – D; Peter – B

Trickier

4.

Name of Shape	2D Faces	Number of Edges	Number of Vertices
Square based pyramid	1 square 4 triangles	8	5
Cuboid	4 rectangles 2 squares	12	8
Hexagonal prism	2 hexagons 6 squares	18	12

5. Lola – A; Kara – C; Tom – B; Jemal – D

Trickiest

7.

Name of Shape	2D Faces	Number of Edges	Number of Vertices
Hexagonal pyramid	1 hexagon 6 triangles	12	7
Octahedron	8 triangles	12	6
Octagonal prism	8 rectangles 2 octagons	24	16

8. Arjun – C; Layla – B; Callum – A; Kate – D