3-D Shapes

Challenge 1

1 Draw lines to match each property to the correct 3-D shape.

A: It has identical triangular faces at each end, 5 faces and 6 vertices	**1:** Tetrahedron
B: It has a triangular base, 4 vertices and 4 faces	**2:** Cube
C: It has 2 identical circular faces and no vertices	**3:** Triangular prism
D: It has 6 identical square faces and 8 vertices	**4:** Square-based pyramid
E: It has a circular base, 1 apex and 1 curved surface	**5:** Cone
F: It has a square base, 5 vertices and 5 faces	**6:** Sphere
G: It has 1 curved surface, no edges	**7:** Cylinder

7 marks

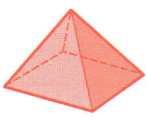
Marks..... /7

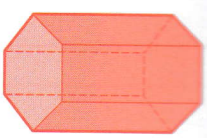
Challenge 2

1 Which 3-D shapes are these?

a)  _____

b)  _____

c)  _____

d)  _____

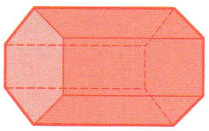
4 marks

Marks..... /4

3-D Shapes

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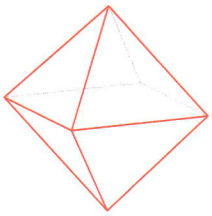
1 Complete the table for a hexagonal prism.



Number of edges	Number of faces	Number of vertices

3 marks

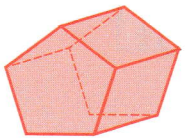
2 Complete the table for an octahedron.



Number of edges	Number of faces	Number of vertices

3 marks

3 Complete the table for a pentagonal prism.



Number of edges	Number of faces	Number of vertices

3 marks

Marks..... /9

marks ..... /20

How am I doing?