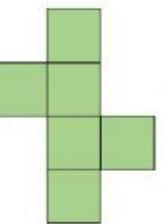
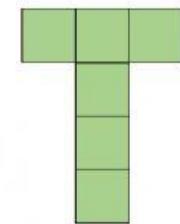
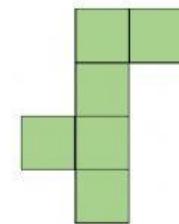
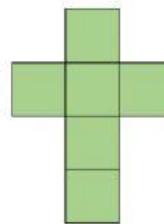
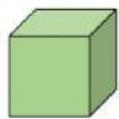
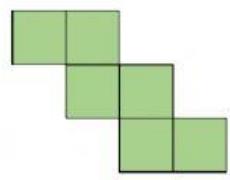
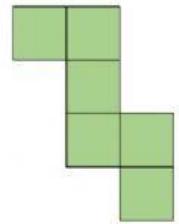
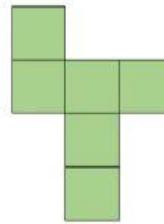
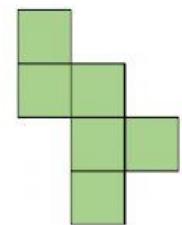
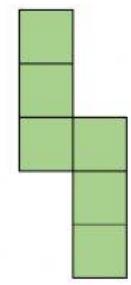
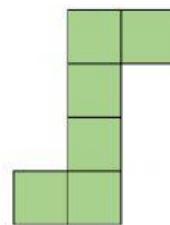
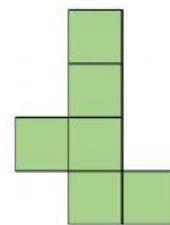


Nets of cubes



Solutions –

There are 11
in total



L/O: Identify different nets for cubes, cuboids, prisms and pyramids

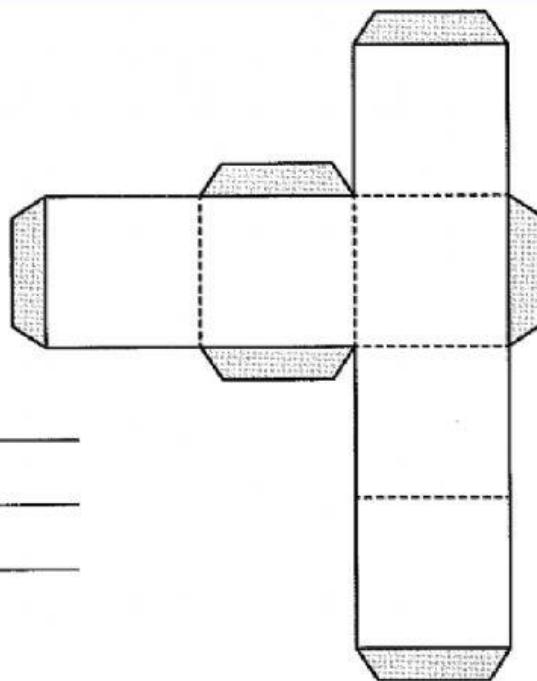
Challenge
1

Visualise the folded net
in your mind. Will it form
a closed cube?

Circle Yes or No.

Yes **No**

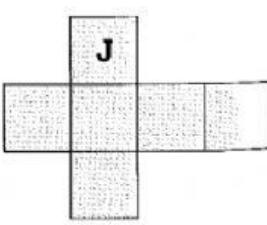
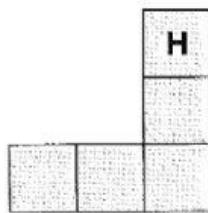
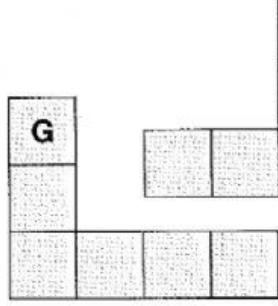
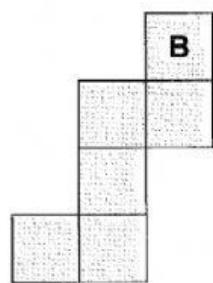
Explain your answer.



Choose
1 face
as the
base

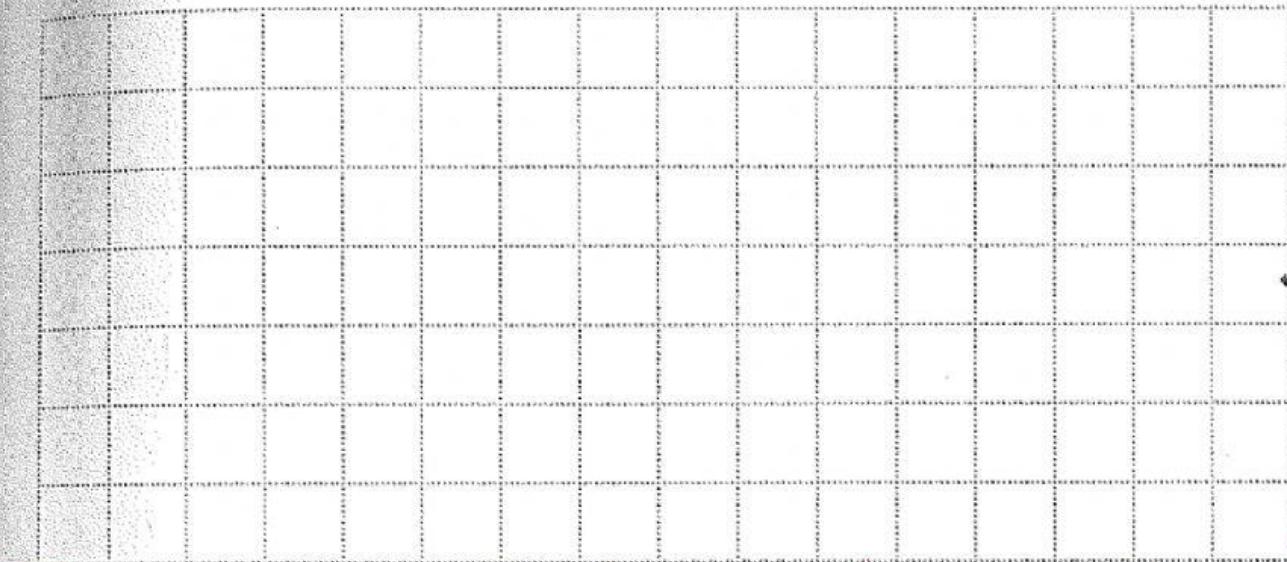
2

1 Tick all the nets that will build a closed cube and will not have any faces that overlap.



L/O: Identify different nets for cubes, cuboids, prisms and pyramids

2 In the grid below, colour the squares to create as many nets for a closed cube as you can.



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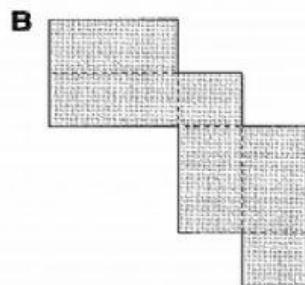
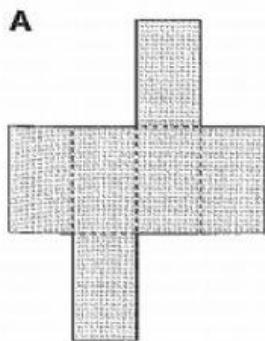
Passion Integrity Teamwork National pride **LIVE** **LIVEWORKSHEETS**

L/O: Identify different nets for cubes, cuboids, prisms and pyramids

Challenge

3 Which of the following nets will make a cuboid (rectangular prism)?
Tick Yes or No and explain your answer.

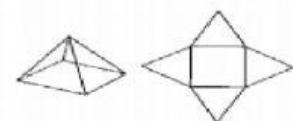
Net	Yes	No	Explanation
A			
B			
C			



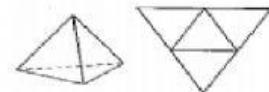
1 Look at the diagrams and answer the questions.

Example The square-based pyramid is made up of

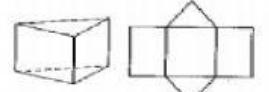
one square and four triangles.



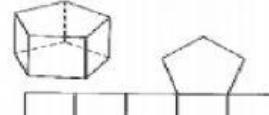
a The triangular-based pyramid (tetrahedron) is made up of



b The triangular prism is made up of



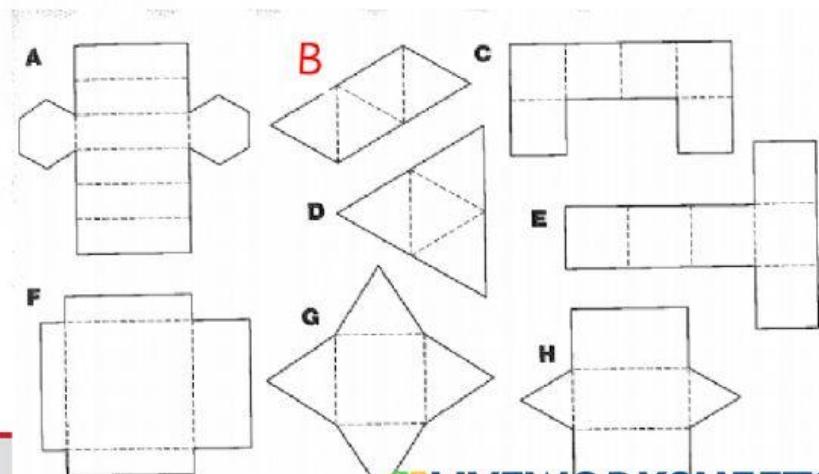
c The pentagonal prism is made up of



2

Decide whether each of the nets at the top of the next page will form a prism, a pyramid, or a shape that is NOT solid. Write the letter of each shape in the correct part of the table.

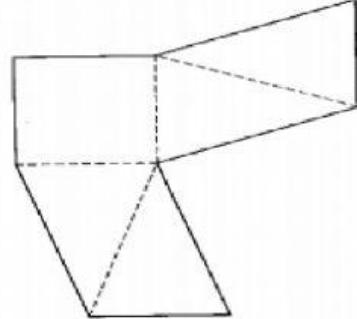
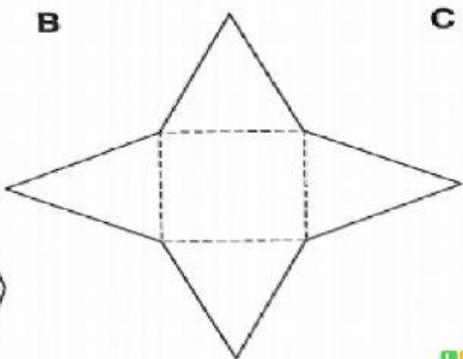
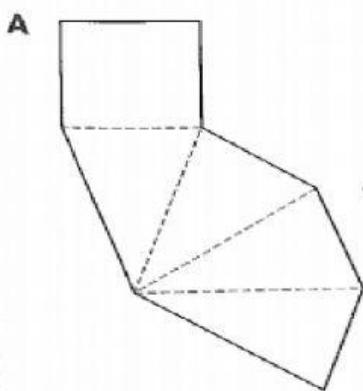
Prism	Pyramid	Does not form a solid shape



L/O: Identify different nets for cubes, cuboids, prisms and pyramids

3 Which of the following nets will make a square-based pyramid? Tick Yes or No and explain your answer.

Net	Yes	No	Explanation
A			
B			
C			



Plenary:



1) Give a definition of a net in one sentence.

2) How many faces does the 3D shape have?

Describe them.

