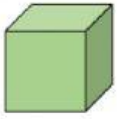
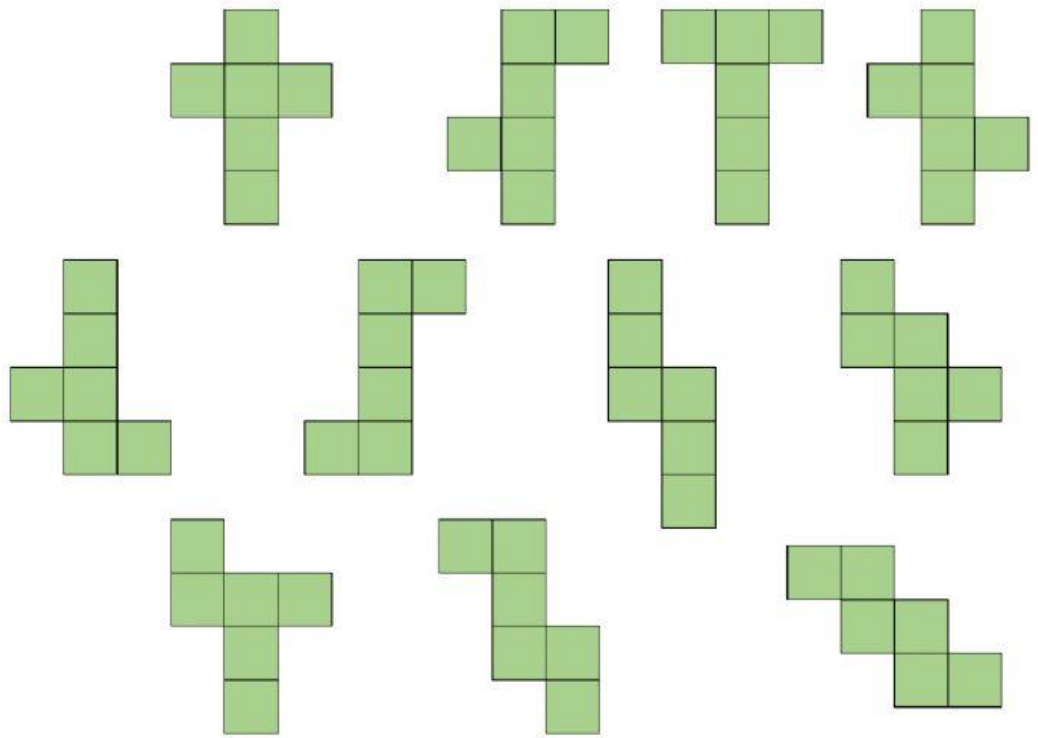


Nets of cubes



Solutions –

There are 11
in total



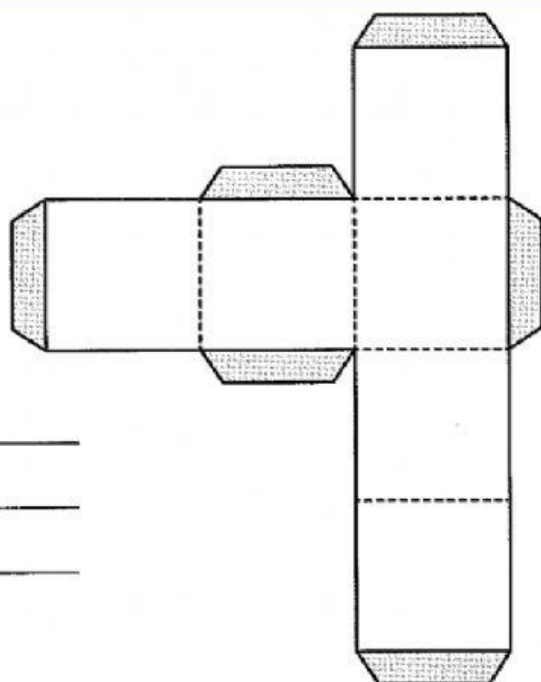
Challenge
1

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

Circle Yes or No.

Yes No

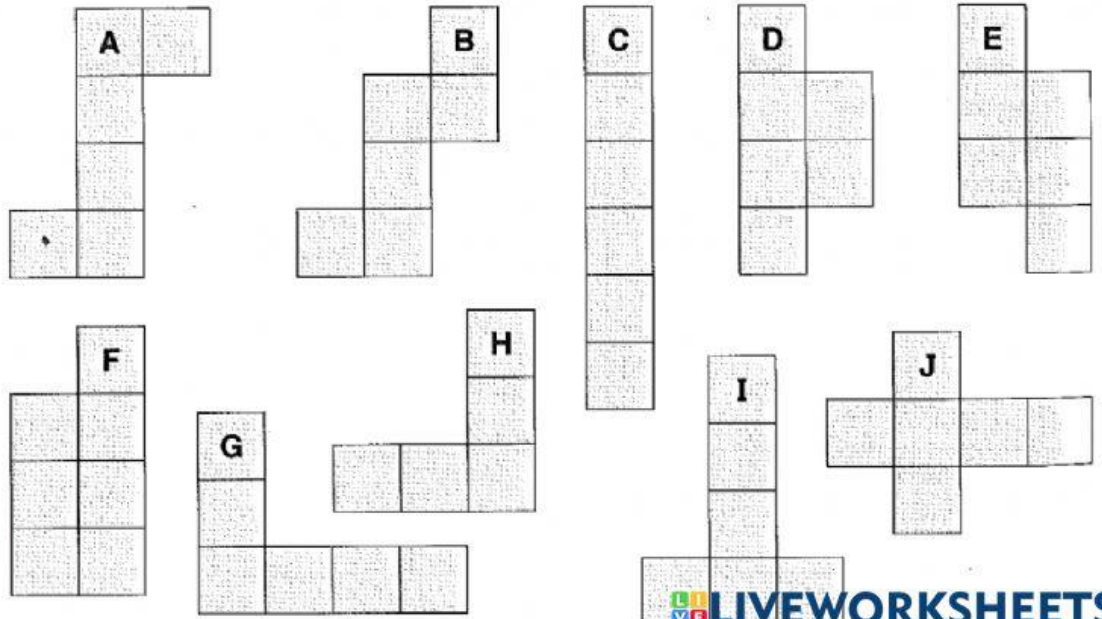
Explain your answer.



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.



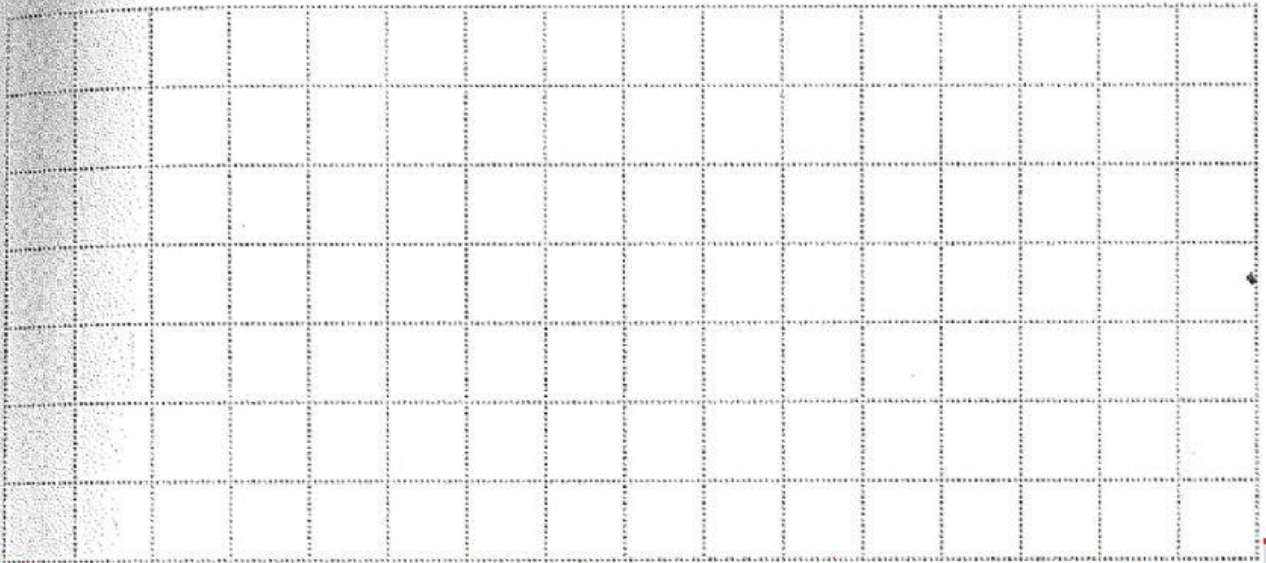
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LIVEWORKSHEETS

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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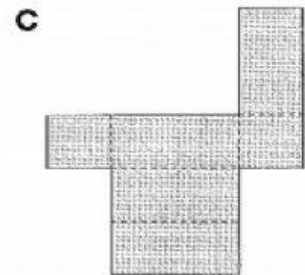
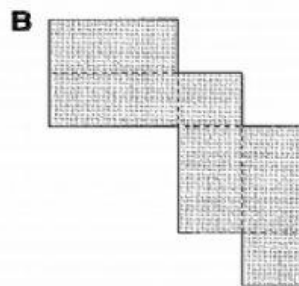
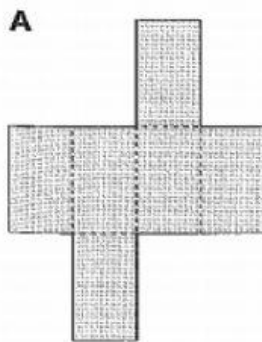
Passion Integrity Teamwork National pride **LIVEWORKSHEETS**

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			





Look at the diagrams and answer the questions.

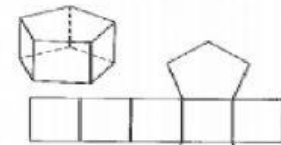
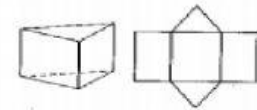
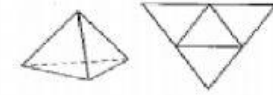
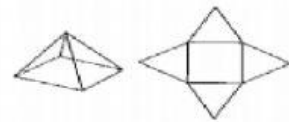
Example The square-based pyramid is made up of

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

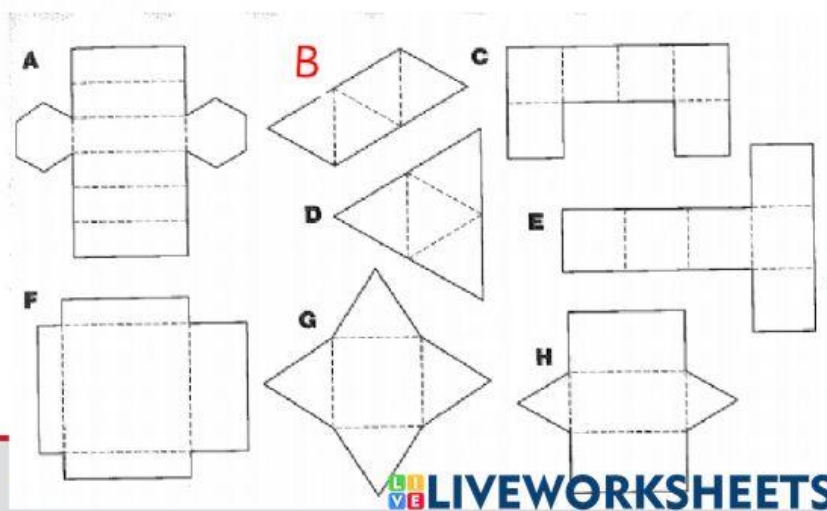


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2

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



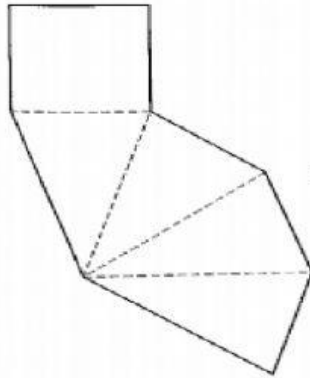
L/O: Identify different nets for cubes, cuboids, prisms and pyramids

3

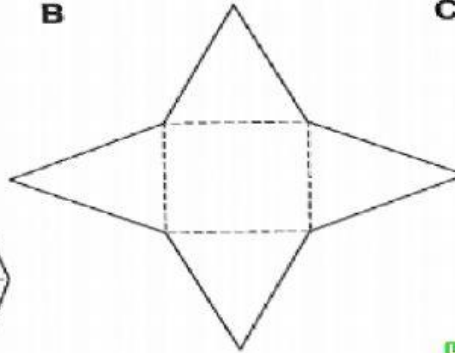
Which of the following nets will make a square-based pyramid? Tick Yes or No and explain your answer.

Net	Yes	No	Explanation
A			
B			
C			

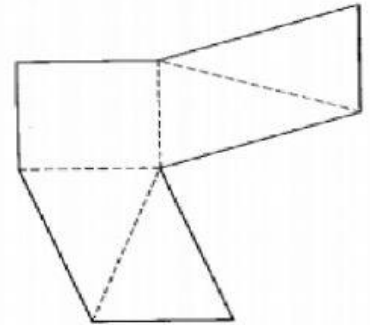
A



B



C



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LIVEWORKSHEETS

Plenary:



- 1) Give a definition of a net in one sentence.
- 2) How many faces does the 3D shape have?
Describe them.

