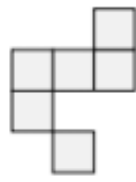
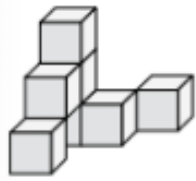
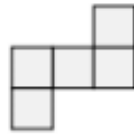


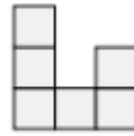
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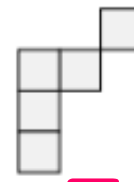
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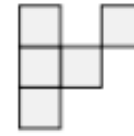
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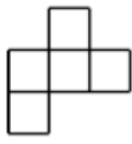
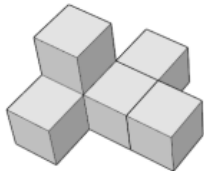


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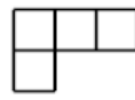


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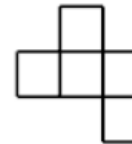
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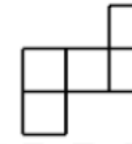
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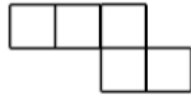
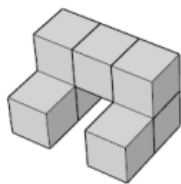
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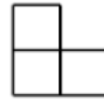
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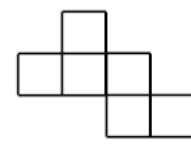
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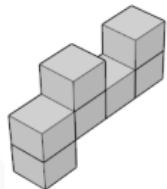
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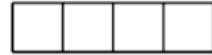
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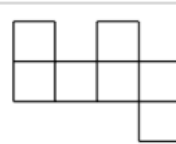
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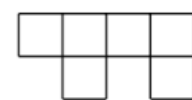
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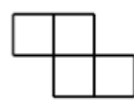
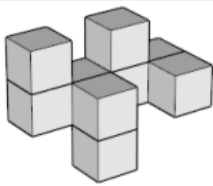
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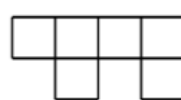
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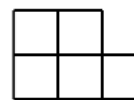
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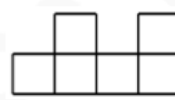
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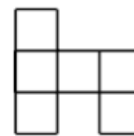
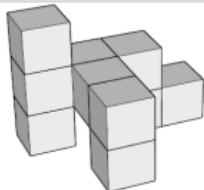
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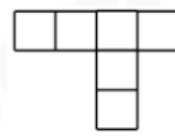
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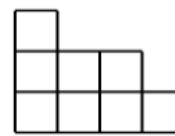
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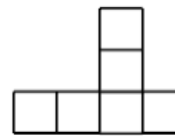
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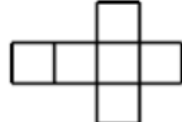
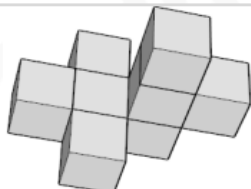
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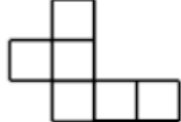
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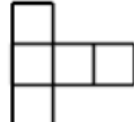
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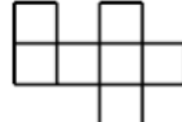
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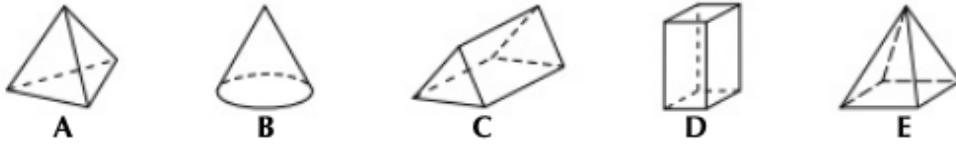
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d

3D Shapes

Look at these 3D shapes. Write the letter for each shape in the correct place in the table.



Shape	Number of square or rectangular faces	Number of triangular faces	Number of circular faces
1. <i>C</i>	3	2	0
2. <i>B</i>	0	0	1
3. <i>D</i>	6	0	0
4. <i>A</i>	1	4	0
5. <i>E</i>	0	4	0

/ 5

Answer questions 6-10 using shapes A-E above.

6. Which shape has 5 vertices? Answer: *E*

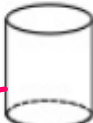
7. Which shape has 12 edges? Answer: *D*

8. Which shape has one edge and one vertex? Answer: *B*

9. Which two shapes are pyramids? Answer: *A* and *E*

10. Which two shapes are prisms? Answer: *C* and *D*

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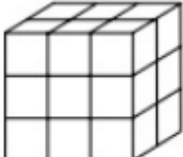
11. What is the name of this 3D shape? 
 Answer: *Cylinder*

12. Which two of these shapes are nets of closed cubes?
 Answer: _____ and _____



13. Which of the following statements is false?
- A A cylinder has a curved face.
 - B A cube has eight vertices.
 - C A cone is a type of triangular prism.
 - D Half a sphere is called a hemisphere.
 - E All the angles in a cuboid are right-angles.

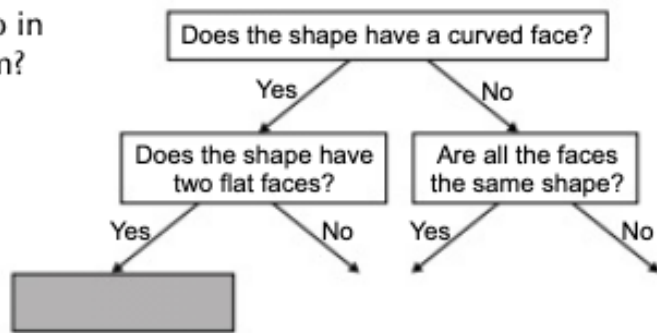
14. This cuboid is made of 1 cm³ blocks. What is its volume?
 Answer: *18* cm³



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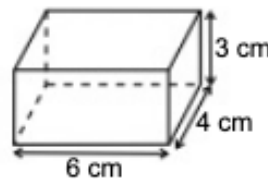
15. Which of the shapes below should go in the shaded box in this sorting diagram? Circle the correct answer.

- A cylinder
- B cone
- C triangular prism
- D sphere
- E cuboid



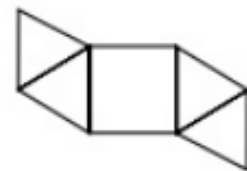
16. How many one centimetre cubes will fit into the cardboard box on the right?

Answer: 72



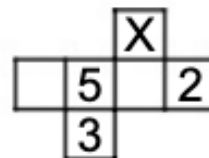
17. What 3D shape can be constructed from this net? Circle the correct answer.

- A cone
- B cube
- C triangular-based pyramid
- D square-based pyramid
- E triangular prism



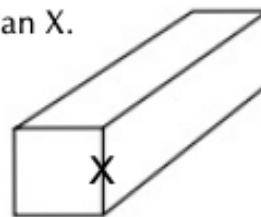
18. The opposite faces of a dice add up to seven. What number should replace X on this net of a dice?

Answer: 4



19. Look at this cuboid. One edge is marked by an X. How many edges are parallel to this edge? Circle the correct answer.

1 2 3 5 7



Hint: You can't see all of the edges on this diagram of a cuboid.

20. The cube on the right has shaded triangles on three faces. Which of the following is the net of this cube? Circle the correct answer.

