Rosary School \ Marj Elhamam

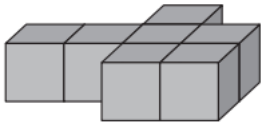
Name: _____ Date : / 11 / 2025

Subject: Practice worksheet (5) / chapter (4) Grade : 5 ( )

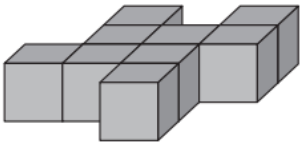
3D Shapes, Volume and Capacity

4.A Identify, Describe and Sketch Compound 3D Shapes

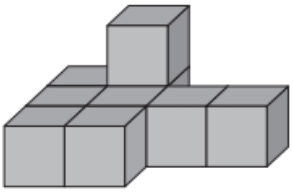
Q1. How many cubes are these 3D shapes made up of?

(a) 

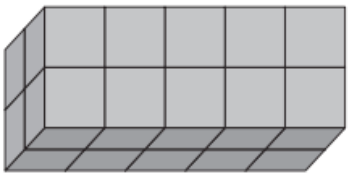
_____ cubes

(b) 

_____ cubes

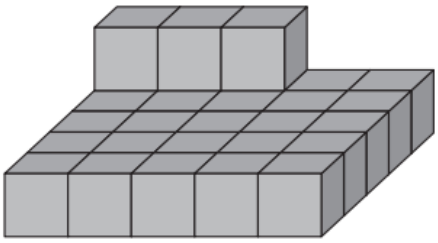
(c) 

_____ cubes

(d) 

_____ cubes

Q2. Write the least number of cubes needed to turn each 3D composite shape into a cuboid.

(a) 

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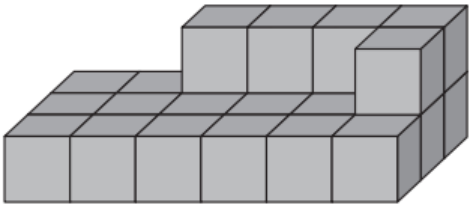
(b)



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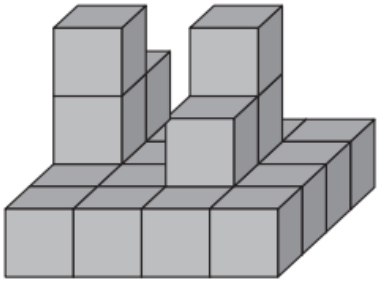
(d)



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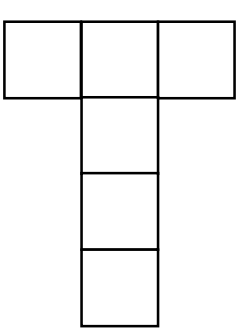
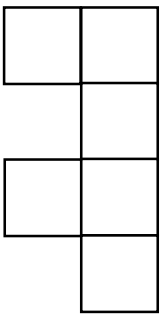
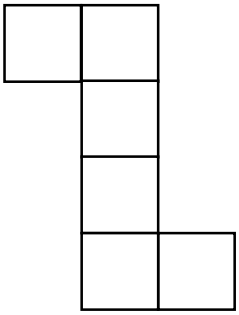
4.B Identify and Sketch Nets of 3D Shapes

Q1. Circle the nets of a cube.



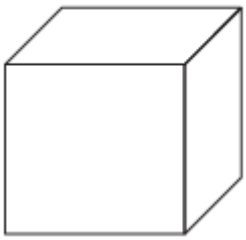




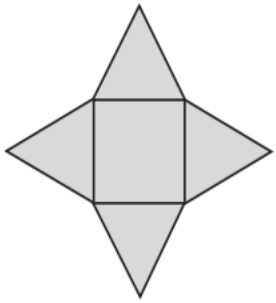
Q2. Here is a cube.

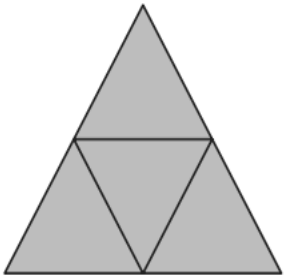
The area of one face of the cube is 8 cm^2.

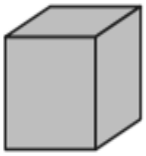
Calculate the surface area of the cube.

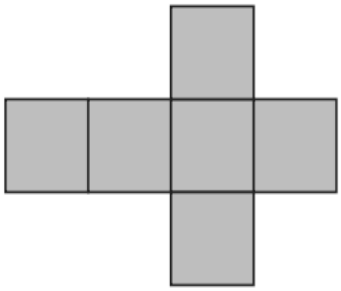


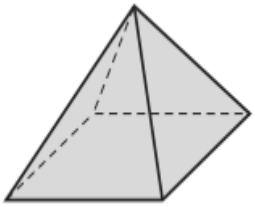
Q3. Match.



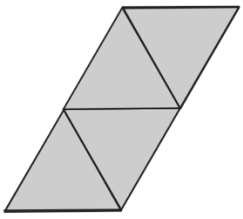


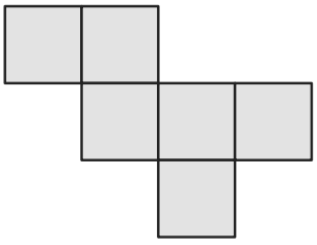




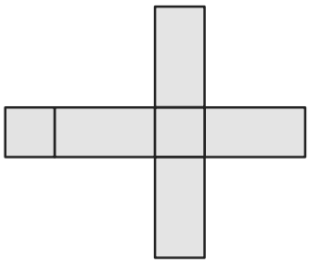


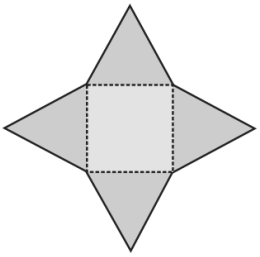
Q4. Identify the 3D figure.

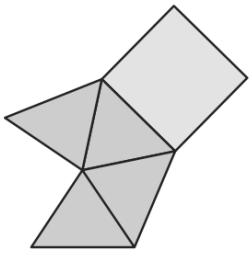
(a) 

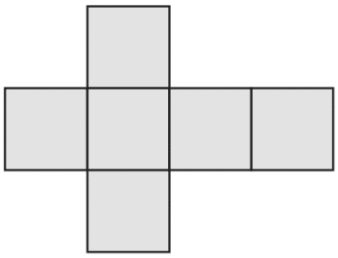
(b) 

_____ _____

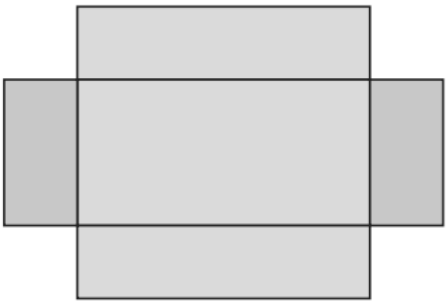
(c) 

(d) 

(e) 

(f) 

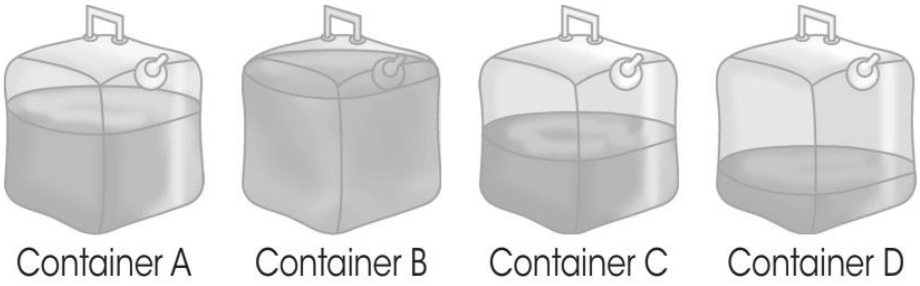
Q5. Explain why the net below does not form a cuboid.



4.C Understand the Difference between Capacity and Volume

Q1. Fill in the blanks. Use the words below to help you.

less than	greater than



(a) The volume of water in Container A is _____ the volume of water in Container B.

(b) The volume of water in Container A is _____ the volume of water in Container C.

(c) The volume of water in Container C is _____ the volume of water in Container D.

(d) Container _____ contains the greatest amount of water.

(e) Container _____ contains the least amount of water.

(f) Arrange the bottles in order.
Start with the bottle with the greatest volume of water.

_____, _____, _____, _____

Q2. Tick (✓) to show if each sentence is possible or impossible.

	Possible	Impossible
The volume of water in a jug is 500 ml and the capacity of the jug is 1 litre.		
The volume of water in a jug is 1 litre and the capacity of the jug is 600 ml.		
The volume of water in a jug is 600 ml and the capacity of the jug is 600 ml.		

Q3. Fill in the blanks.

(a)

Capacity is the maximum amount of liquid a container can hld. Volume is the amount of liquid the contain

Capacity of the pot = _____

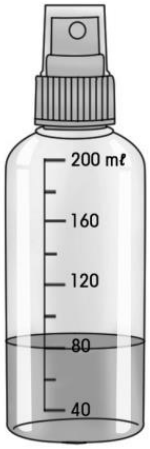
Volume of liquid = _____

(b)

Capacity of the pot = _____

Volume of liquid = _____

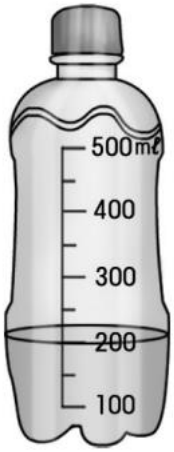
(c)



Capacity of the spray bottle = _____

Volume of liquid = _____

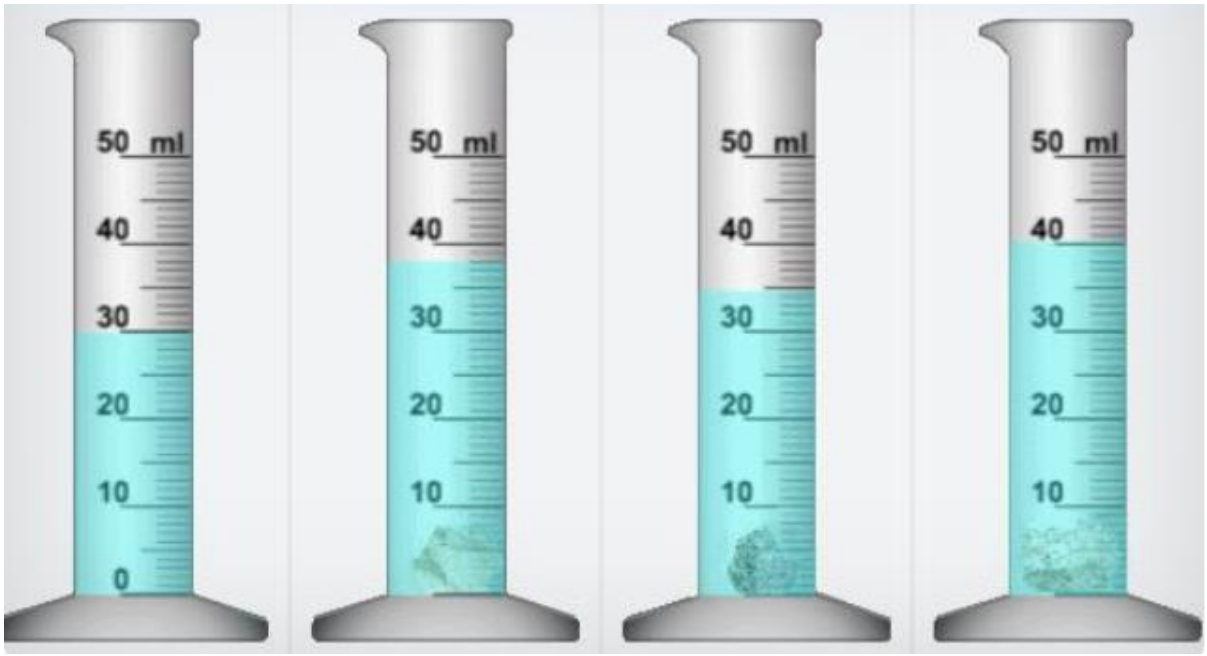
(d)



Capacity of the bottle = _____

Volume of liquid = _____

Q4. a. Find the volume of liquid in each measuring cylinder.



A B C D

_____*ml* _____*ml* _____ *ml* _____ *ml*

Q5. Convert.

a. 2500 *l* = _____ *ml*

b. 350 *ml* = _____ *l*

c. 800 *ml* = _____ *l*

d. 3040 *l* = _____ *ml*

Teachers: Rand Haddad, Rand Haddadin , Qusie Hijazeen