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4B



PRIMARY MATHEMATICS

PRACTICE BOOK

SIE SINGAPORE INTERNATIONAL EDITION

Dr Eric Chan Chun Ming

Name: Class:

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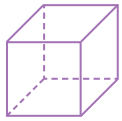
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Chapter 13 Nets

Practice 1 Recall: Types of Solids

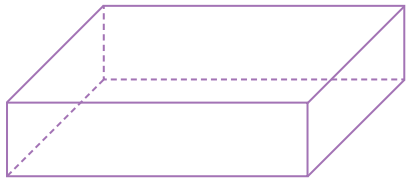
1 Fill in the boxes.

(a)



This solid figure is a ____ with ____ square faces.

(b)



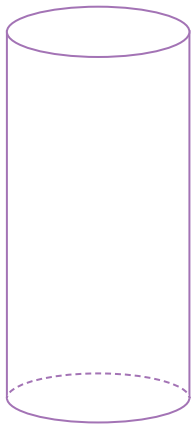
This solid figure is a ____ with ____ rectangular faces.

(c)



This solid figure is a ____ with ____ rectangular faces and ____ square faces.

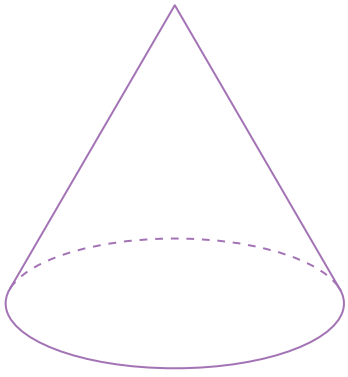
(d)



This solid figure is a _____.

It has _____ flat faces and _____ curved face.

(e)



This solid figure is a _____.

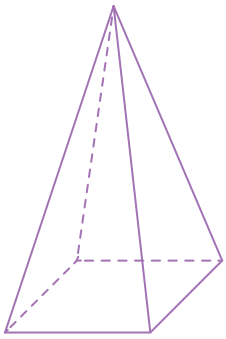
It has _____ flat face and _____ curved face.

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Practice 2 Prisms and Pyramids

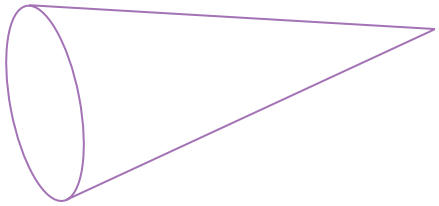
1 Identify the prisms and pyramids and write the letters in the table below.

(a)



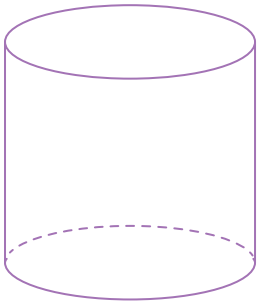
A

(b)



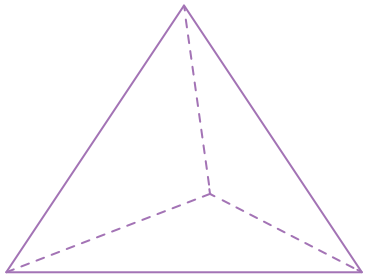
B

(c)



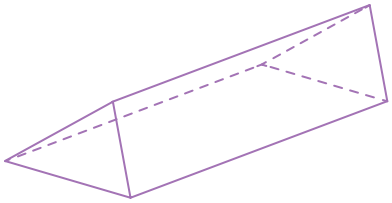
C

(d)



D

(e)



E

(f)

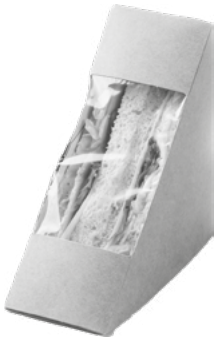


F

Solid	Figure
Prism	
Pyramid	

2 Identify the prisms and pyramids and write the letters in the table below.

(a) Sandwich box



A

(b) Chocolate box



B

(c) Ice cream cone



C

(d) Oil drum



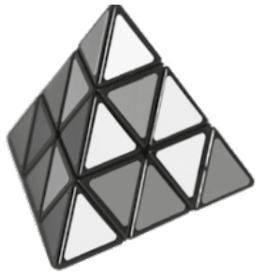
D

(e) Tin



E

(f) Puzzle



F

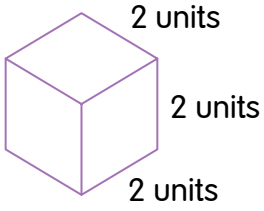
Solid	Figure
Prism	
Pyramid	

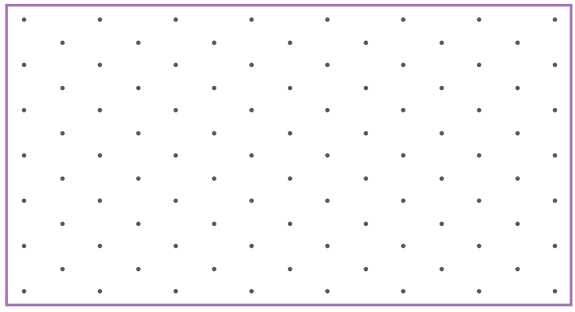
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Practice 3 Drawing Geometric Figures

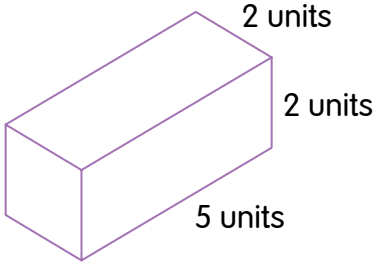
1 Draw each solid on the given isometric grid.

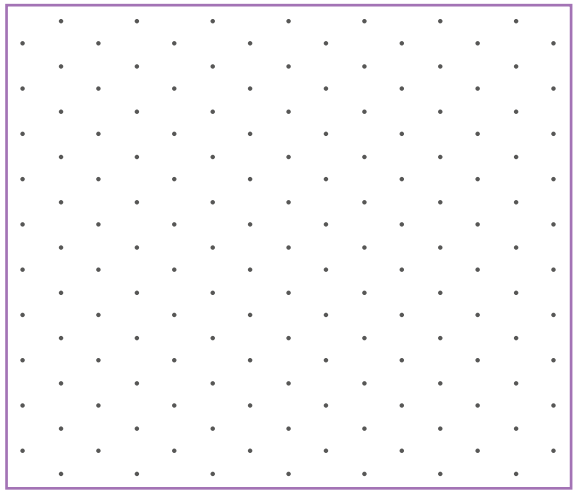
(a)



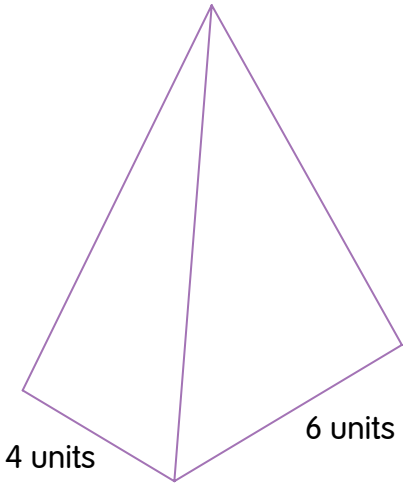


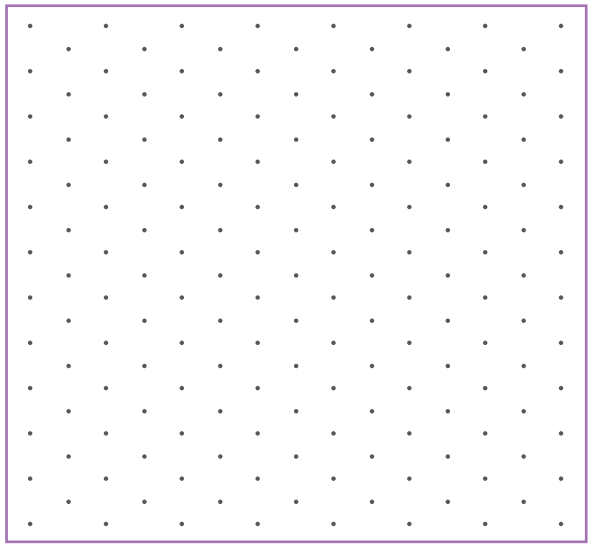
(b)



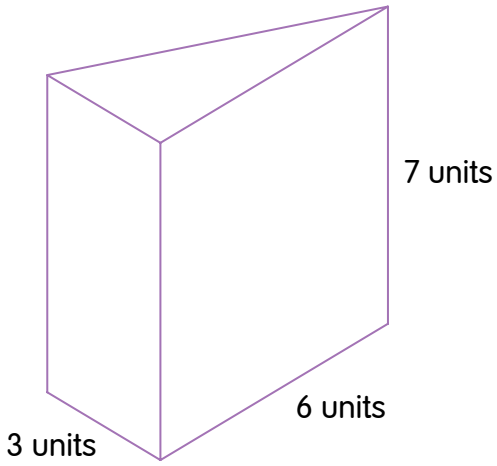


(c)

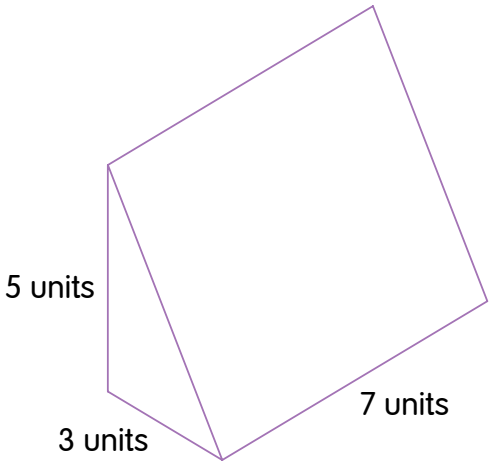




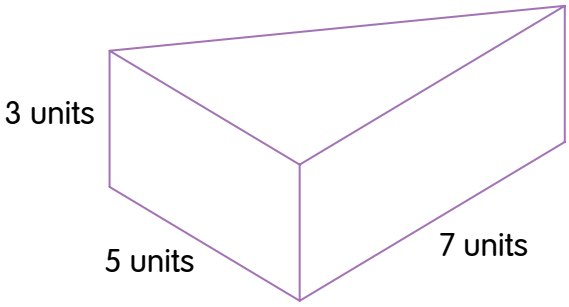
(d)


7 units
6 units
3 units

(e)


5 units
7 units
3 units

(f)


3 units
5 units
7 units

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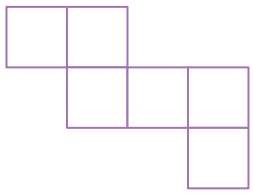
Practice 4 Nets of Geometric Figures

Tick (✓) all the nets that form the given solid.

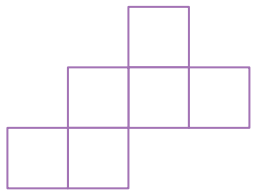
1 Cube



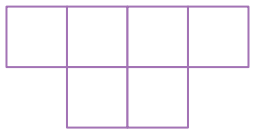
(a)



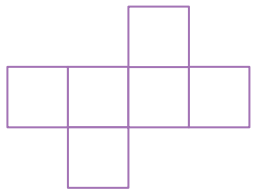
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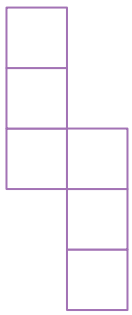
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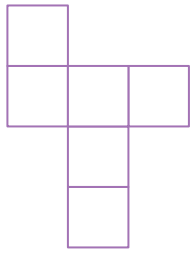
(d)



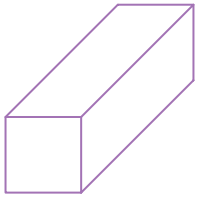
(e)



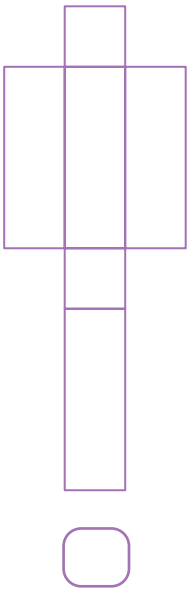
(f)



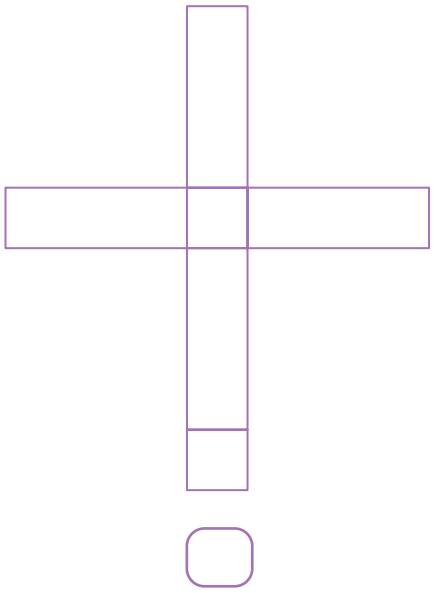
2 Cuboid



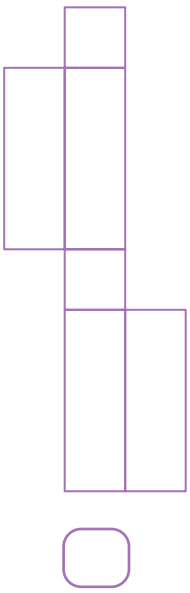
(a)



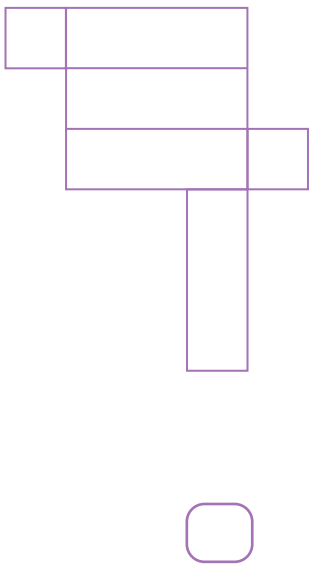
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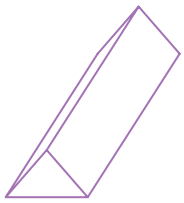
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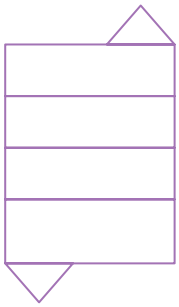
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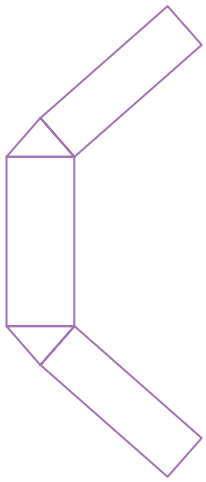
3 Prism



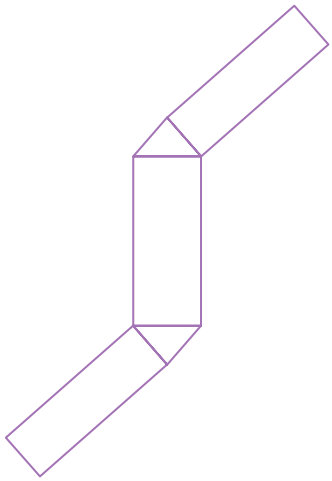
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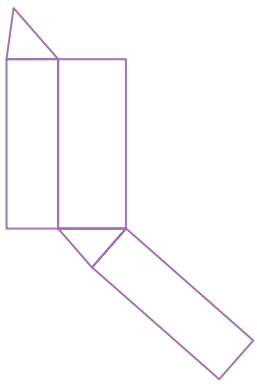
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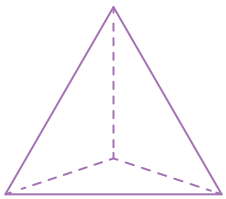
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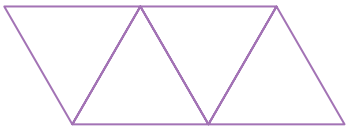
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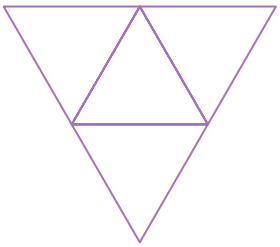
4 Pyramid



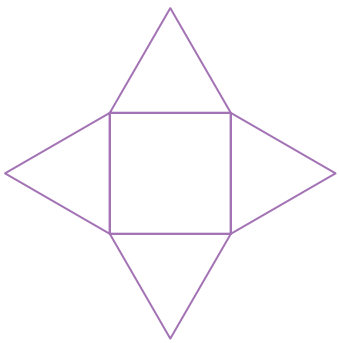
(a)



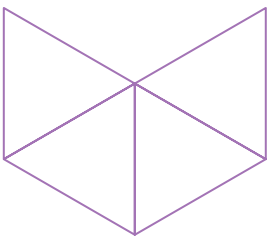
(b)



(c)



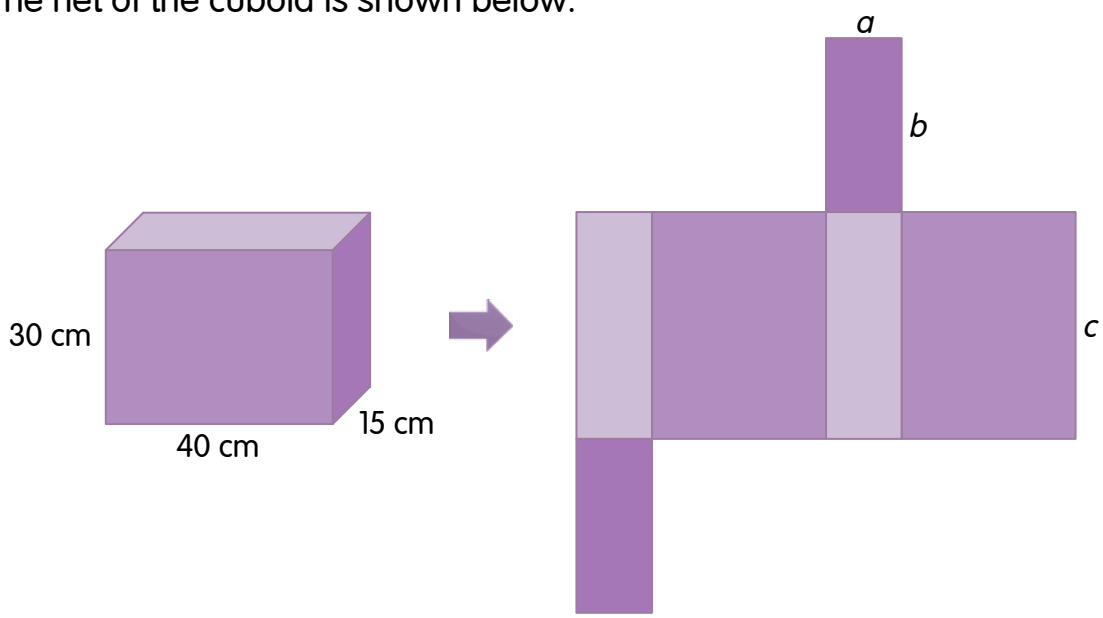
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Problem Solving

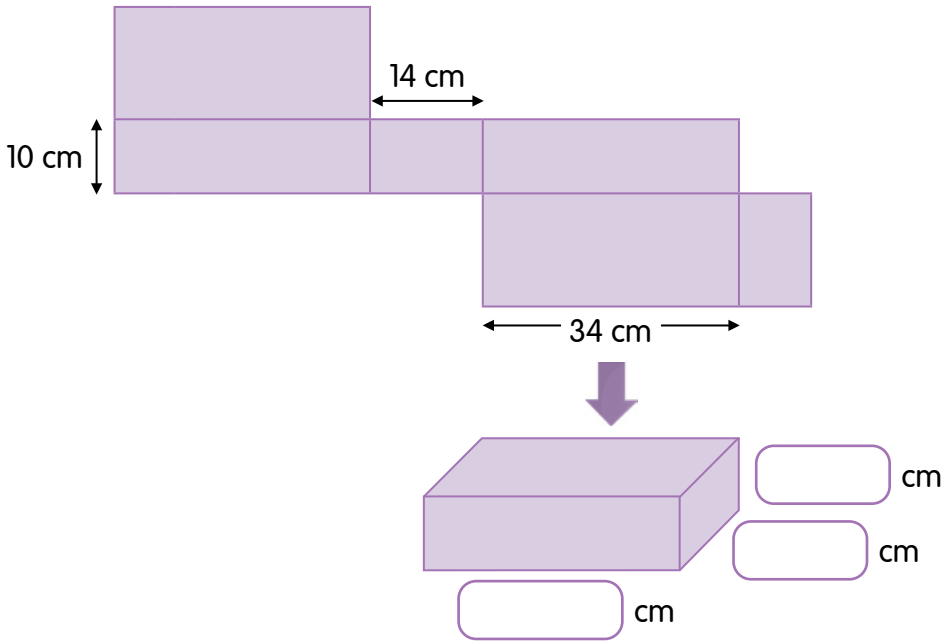
1 A cuboid measures 40 cm by 15 cm by 30 cm.
The net of the cuboid is shown below.



What are the dimensions of the net represented by *a*, *b* and *c*?

a = ____ *b* = ____ *c* = ____

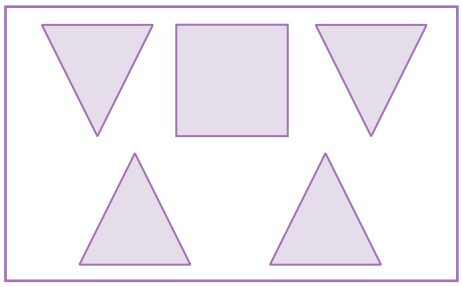
2 The figure shows the net of a cuboid.
Find the length, breadth and height of the cuboid.



Performance Task

Activity: Forming nets of a Pyramid.

Your teacher will provide you with 3 sheets of paper with figures showing a square and 4 triangles.



Cut out the square and the triangles from one of the sheets to form the net of a pyramid before glueing them at the edges.

Form 2 other nets of a pyramid with the cutouts from the other two sheets of paper.

Draw the 3 nets in the space below.