

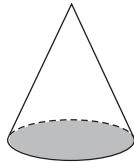
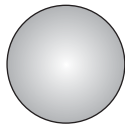
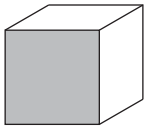
3 DIMENSIONS 1

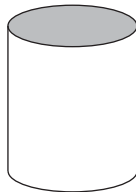
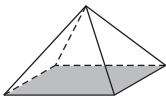
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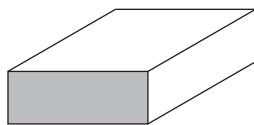
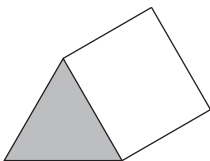
16

1. From the list below choose the correct name for each of the objects. Write the correct name under each object.

SQUARE-BASED PYRAMID	
SPHERE	CONE
RECTANGULAR PRISM	
CYLINDER	CUBE
TRIANGULAR PRISM	



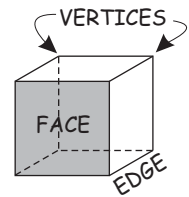




2. Without using a ruler, sketch a cube, cylinder, cone and square-based pyramid below.

CUBE	CYLINDER
CONE	SQUARE-BASED PYRAMID

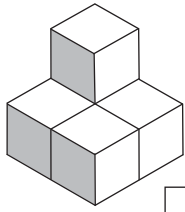
3. A cube has 6 faces, 8 vertices and 12 edges.

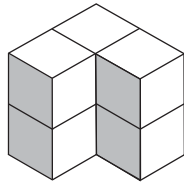


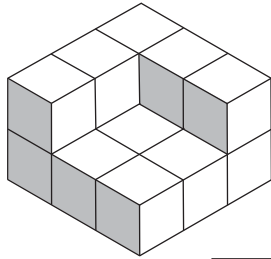
State the number of faces, vertices and edges in the following objects.

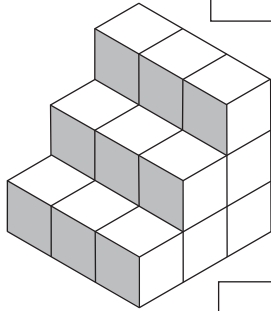
Object	Number of faces	Number of vertices	Number of edges
Square-based Pyramid			
Triangular Prism			

4. How many of the small blocks would be needed to make the following objects?

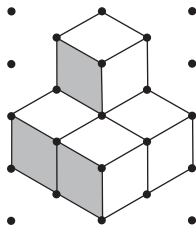








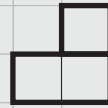
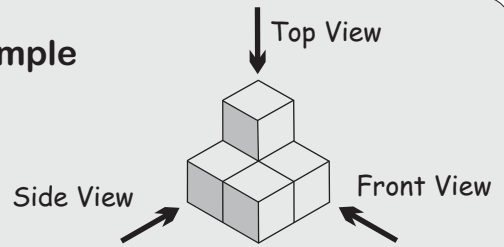
5. Draw the objects above on the dots below. One is drawn as an example.



A large dot grid for drawing the objects. The first object is already drawn on the left side of the grid.

6. Draw the front, side and top views of the object below.

Example



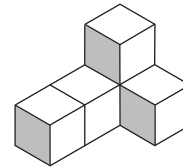
Front View



Side View



Top View



A 3x3 grid for drawing the views of the object above.

Front View

Side View

Top View

7. The front, side and top views of an object are shown below.

Draw this object on the dots shown.



Front View



Side View



Top View

A dot grid for drawing the object based on the given views.