

5

Learning Activity Sheet for Mathematics 5

Quarter 4

Lesson

5

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Learning Activity Sheet for Mathematics 5
Quarter 4: Lesson 5
SY 2025-2026

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LEARNING ACTIVITY SHEET

Learning Area:	Mathematics 5	Quarter:	4th Quarter
Lesson No.:	5	Date:	
Lesson Title/ Topic:	Constructing models of prisms and pyramids		
Name:		Grade & Section:	

I. Activity No.1: Pull-Up Nets

II. Objective(s):

- a. Construct models of prisms and pyramids

III. Materials Needed:

- a. Used cardboards or folders
- b. Printed net patterns
- c. Colored paper
- d. Pair of scissors
- e. Ruler
- f. Pencil
- g. Yarn
- h. Puncher

IV. Instruction:

1. Cut out the net patterns.
2. Trace the following net patterns on colored papers.
 - Cube
 - Rectangular prism (cuboid)
 - Tetrahedron
3. Cut out the colored papers and paste them on used cardboards or folders to make them sturdy.
4. Cut out the cardboards and fold the edges.
5. Use a puncher to make holes that are numbered as 1, 2, 3, and so on.
6. Insert the yarn through the holes in ascending order. Make sure that the yarn goes through hole no. 1 and down through the last hole.
7. Paste the face of the solid figure with no.1 hole on a used cardboard or folder.
8. Pull the strings to form the nets of solid figures.

Criteria for scoring:

- a. Accuracy of the net - 4 points
- b. Proper forming of the figure - 4 points
- c. Neatness and color - 2 points

Rubric for each pull-up net

10 –	The net is constructed accurately, the solid figure forms properly when the yarn is pulled up, and the figure is colorful and neat.
8 –	The net is constructed accurately, and the solid figure forms properly when the yarn is pulled up; the figure is not that colorful and/or neat.
6 –	The net is not constructed accurately; the solid figure forms properly when the yarn is pulled up, and the figure is colorful and neat. or The net is constructed accurately; the solid figure does not form properly when the yarn is pulled up; the figure is colorful and neat.
2 –	The net is not constructed accurately; the solid figure does not form properly when the yarn is pulled up, and the figure is colorful and neat.

LEARNING ACTIVITY SHEET

Learning Area:	Mathematics 5	Quarter:	4th Quarter
Lesson No.:	5	Date:	
Lesson Title/ Topic:	Illustrating and finding the surface area of a cube		
Name:		Grade & Section:	

I. Activity No.2: Surface Area of a Cube

II. Objective(s):

- a. Illustrate the surface area of a cube
- b. Find the surface area of a cube

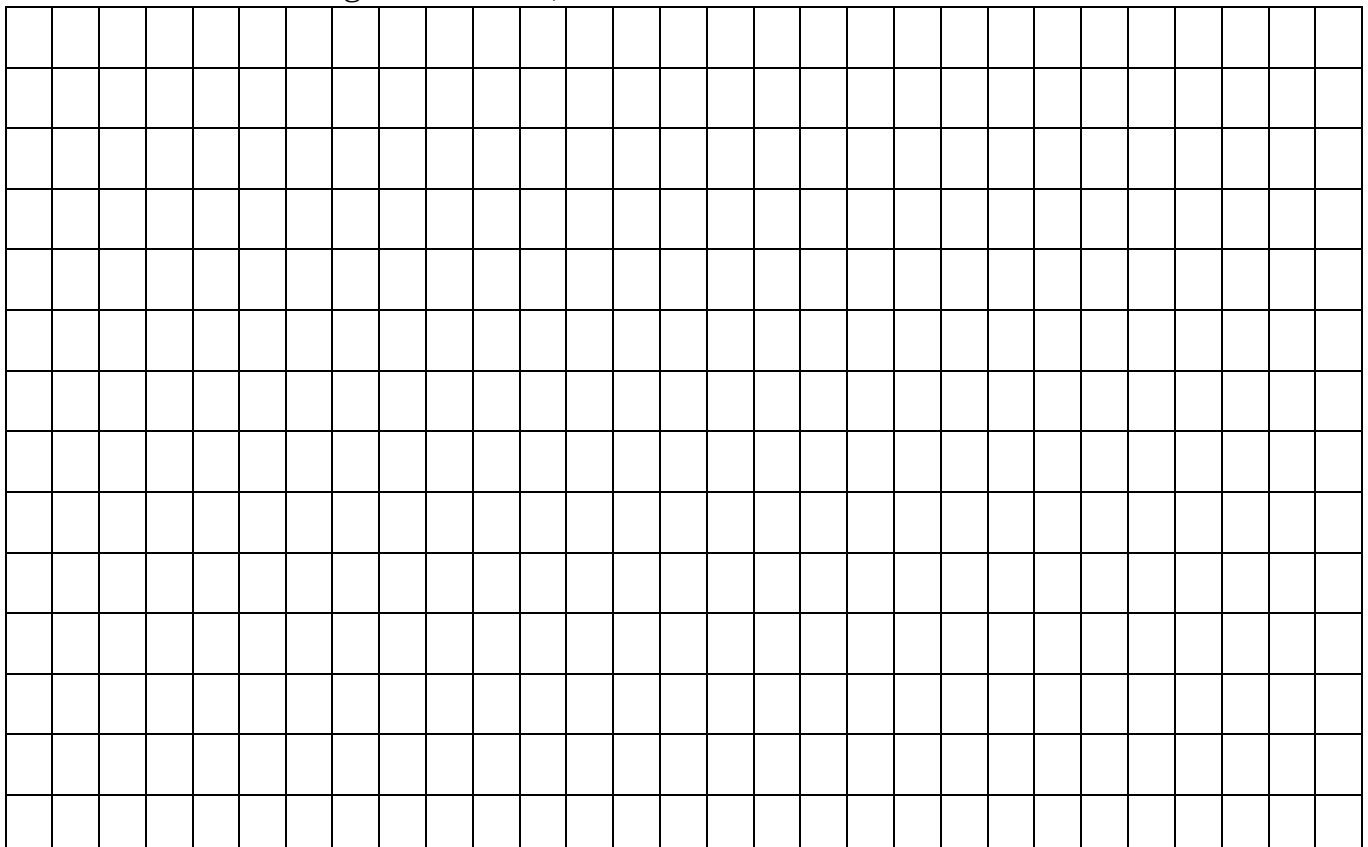
III. Materials Needed:

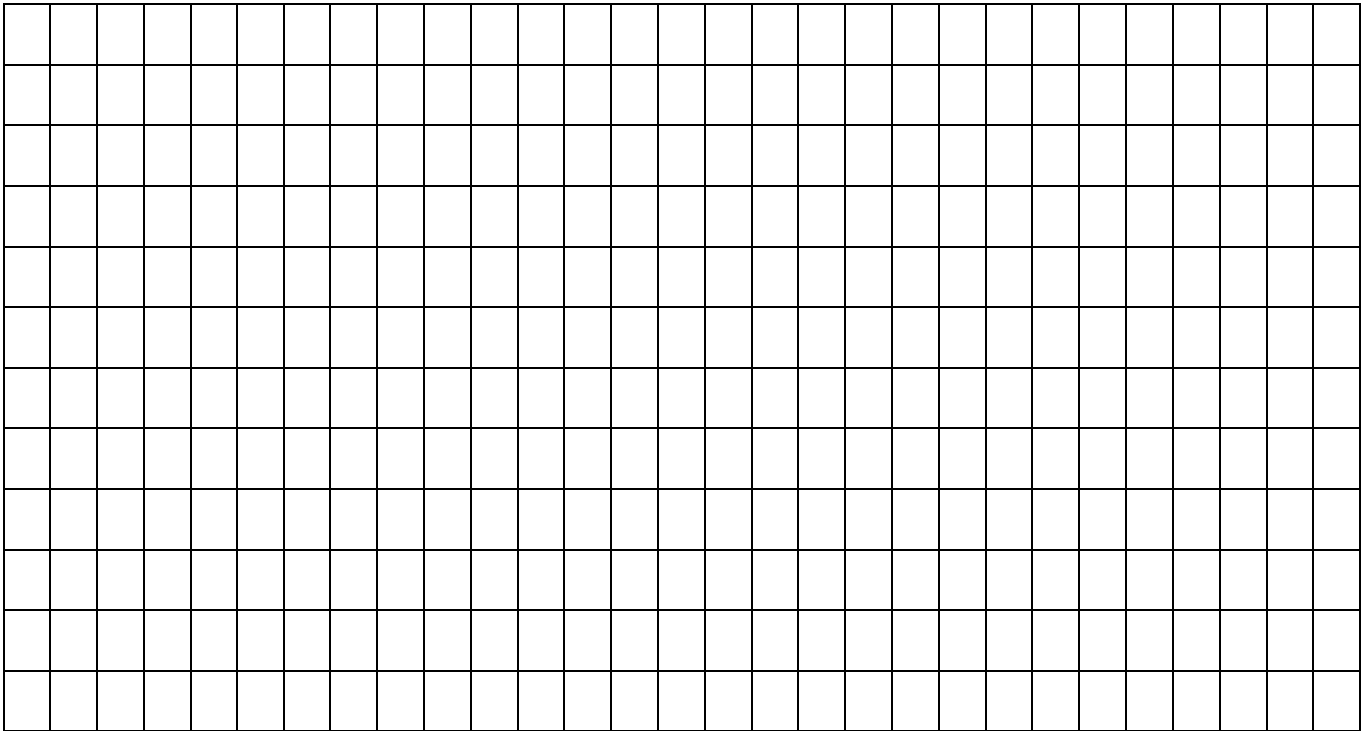
- a. Paper and pen
- b. Coloring pen or crayons

IV. Instruction:

A. Illustrating the surface area of a cube.

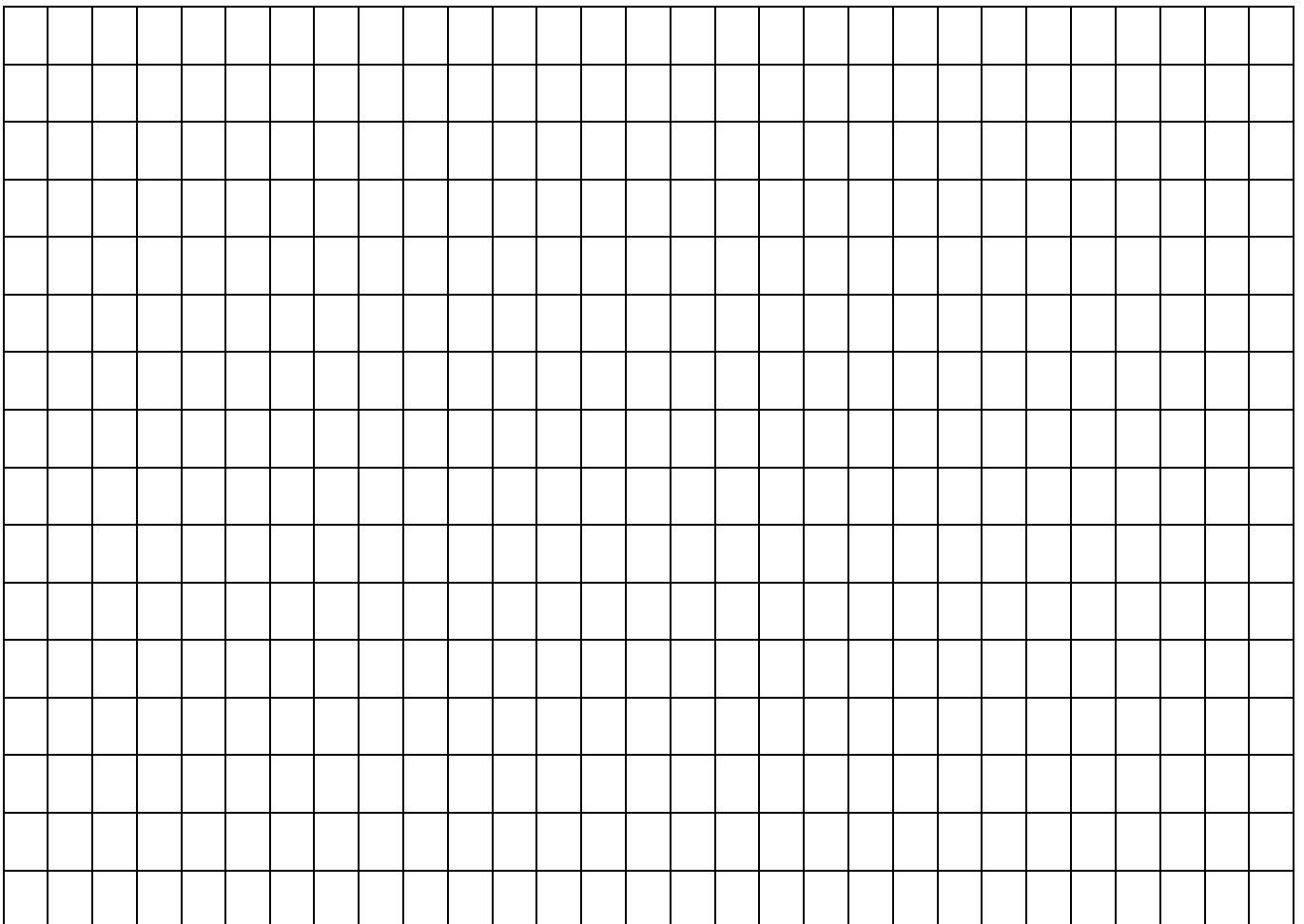
1. Illustrate on the grid or graphing paper the surface area of a cube measuring 4 units on one side using its net. Then, determine its surface area.

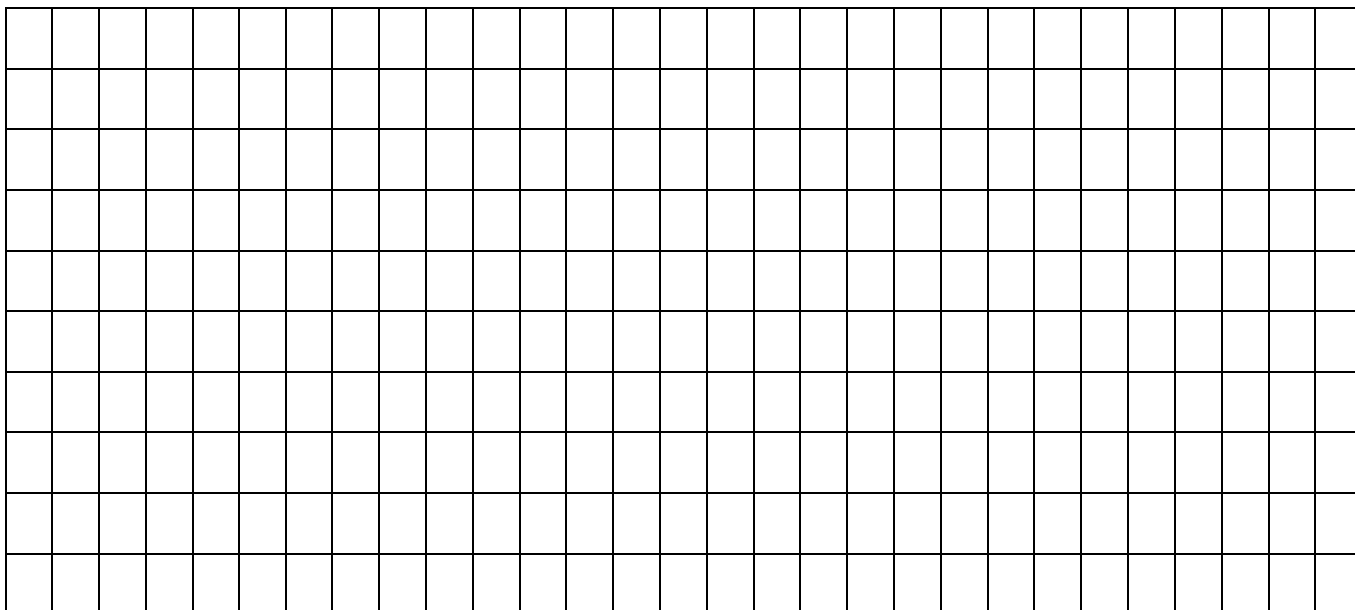




Surface area : _____

2. Illustrate on the grid or graphing paper the surface area of a cube measuring 6 units on one side using its net. Then, determine its surface area.





Surface area : _____

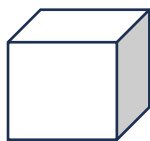
Rubric for Activity 2A

- 3 – The net of the solid figure is correct and the number of square units representing the surface area is 100% accurate.
- 2 – The net of the solid figure is incorrect, but the number of square units representing the surface area is correct.
- 1 – The net of solid is correct, but the number of square units that represents the surface area is incorrect/incomplete
- 0 – Incorrect net and incorrect number of square units

*An **additional 1 point** will be given if the surface area written below the grid, including the unit, is correct.*

B. Solve for the following. Show your solutions.

1.

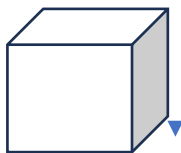


12 cm

Area of each face = _____

Surface Area = _____

2.



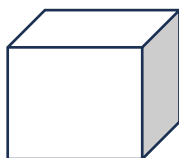
11.2 in

Area of each face = _____

Surface Area = _____

3.

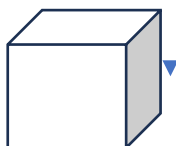
15.5 in ▲



Area of each face = _____

Surface Area = _____

4.



14 cm

Area of each face = _____

Surface Area = _____

LEARNING ACTIVITY SHEET

Learning Area:	Mathematics 5	Quarter:	4th Quarter
Lesson No.:	5	Date:	
Lesson Title/ Topic:	a. Constructing models of prisms and pyramids b. Illustrating and finding the surface area of a cube		
Name:		Grade & Section:	

I. Activity No.3: Formative Assessment on Constructing models of prisms and pyramids and surface area of a cube

II. Objective(s):

- a. Construct models of prisms and pyramids
- b. Illustrate the surface area of a cube
- c. Find the surface area of a cube

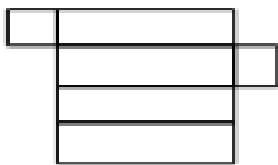
III. Materials Needed:

- a. Paper and pen
- b. Coloring pen or crayons

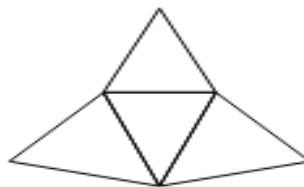
IV. Instruction:

A. Identify the solid figures that can be formed by using the following nets.

1.

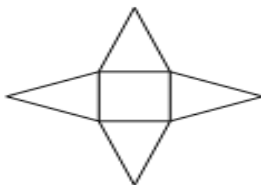


4.



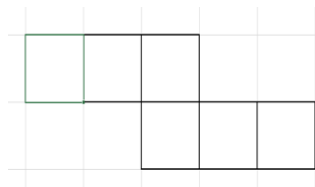
Solid Figure: _____

2.



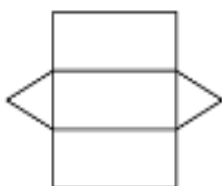
Solid Figure: _____

5.



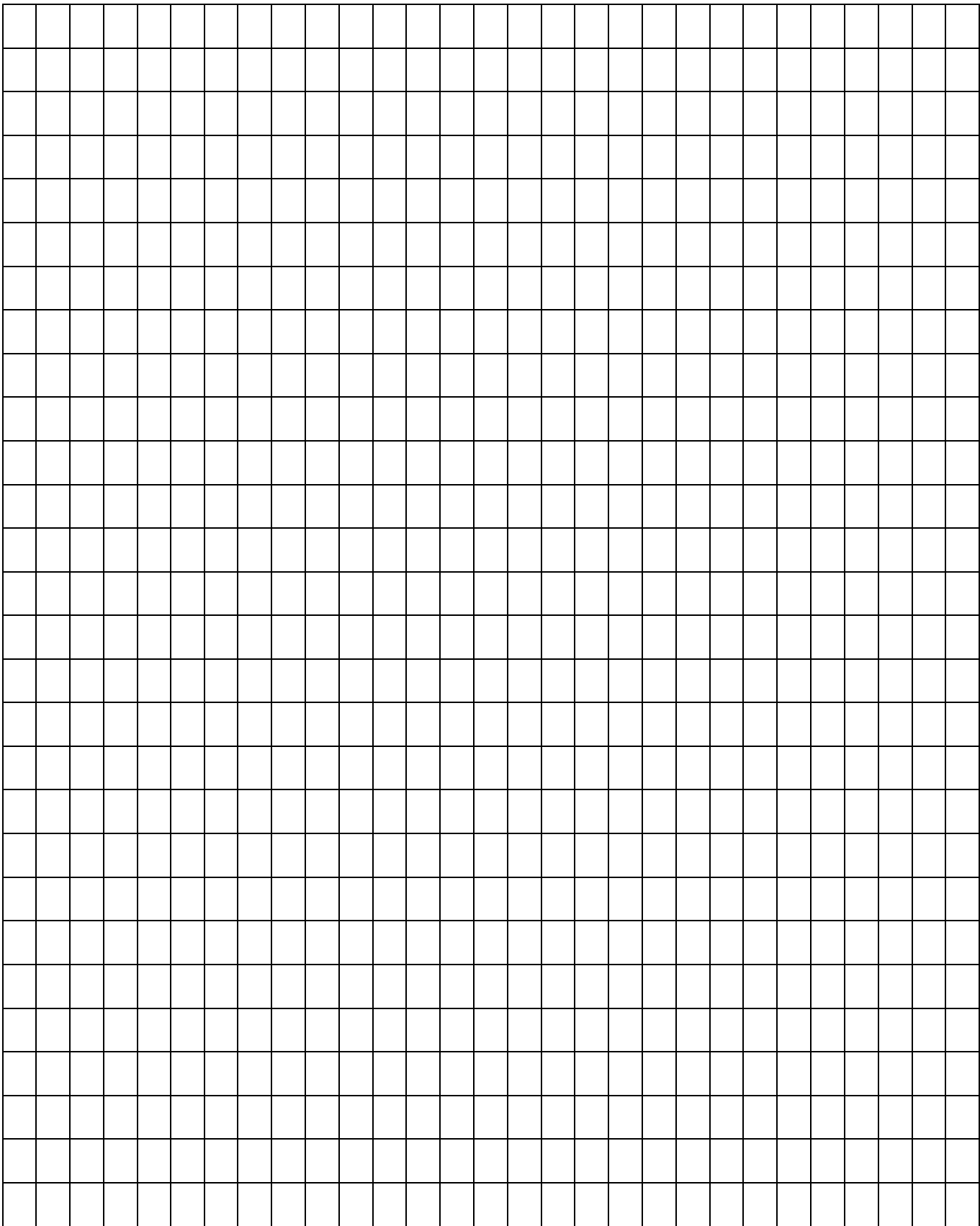
Solid Figure: _____

3.



Solid Figure: _____

B. Illustrate on the grid or graphing paper the surface area of a cube measuring 7 units on one side using its net. Then, determine its surface area.



Cube	Area of one square face	Surface Area
