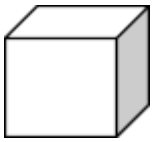
Pre-test **Unit Basic 2D and 3D** **Time 10 minutes**

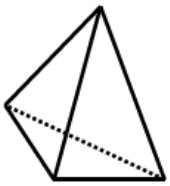
Subject Mathematics Semester 1 **Mathayomsuksa 1** **Questions 10**

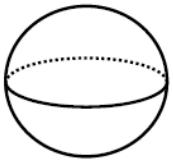
Direction: Choose the best answer.

1. Which is a two-dimensional geometric figure? (Understand, MA 2.2 G.7/2)

A. 

B. 

C. 

D. 

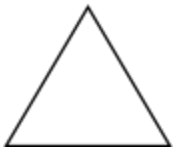
Solution: 

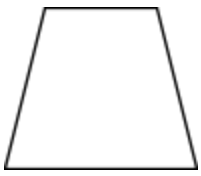
Pre-test **Unit Basic 2D and 3D** **Time 10 minutes**

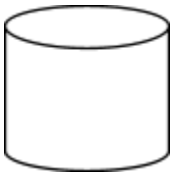
Subject Mathematics Semester 1 **Mathayomsuksa 1** **Questions 10**

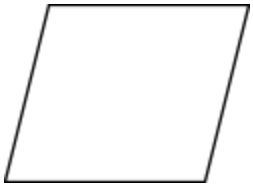
The dimension of a mathematical space is informally defined as the minimum number of coordinates needed to specify any point within it. A plane has a dimension of two.

2. Which one is different from the others? (Understand, MA 2.2 G.7/2)

A. 

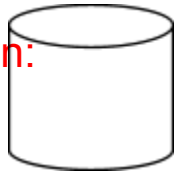
B. 

C. 

D. 

Pre-test **Unit Basic 2D and 3D** **Time 10 minutes**

Subject Mathematics Semester 1 **Mathayomsuksa 1** **Questions 10**

Solution: 

This is only one three-dimensional figure, while the others are two-dimensional.

3. If we cut a right hexagonal pyramid parallel to the base, which two-dimensional geometric figure will we see? (Analysis, MA 2.2 G.7/2)

A. Triangle
B. Quadrilateral
C. Pentagon
D. Hexagon

Solution: Hexagon

The cross-section of a right hexagonal pyramid is a hexagon.

Pre-test **Unit Basic 2D and 3D** **Time 10 minutes**

Subject Mathematics Semester 1 **Mathayomsuksa 1** **Questions 10**

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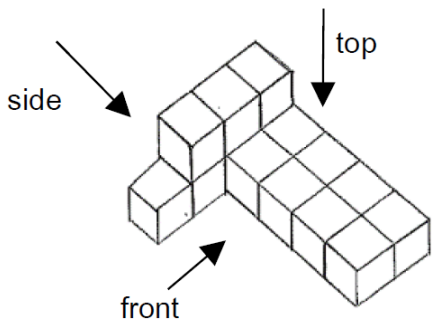
4. If we cut a three-dimensional geometric figure vertically, is the cross-section different from the others? (Analysis, MA 2.2 G.7/2)

A. Cylinder
B. Cuboid
C. Square Pyramid
D. Triangular Prism

Solution: Square Pyramid
If we cut a three-dimensional cylinder vertically, the cross-section will be a rectangle.
If we cut a three-dimensional cuboid vertically, the cross-section will be a rectangle.
If we cut a three-dimensional square pyramid vertically, the cross-section will be a **triangle**.
If we cut a three-dimensional triangular prism, the cross-section will be a rectangle.

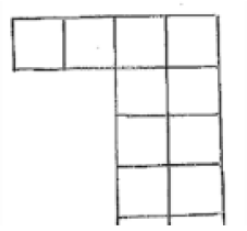
5.



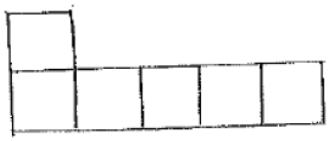
Pre-test **Unit Basic 2D and 3D** **Time 10 minutes**

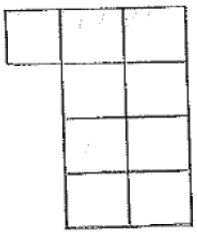
Subject Mathematics Semester 1 **Mathayomsuksa 1** **Questions 10**

Which one is the two-dimensional geometric figure viewed from the front? (Analysis, MA 2.2 G.7/2)

A. 

B. 

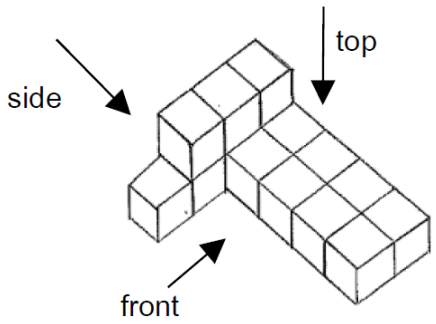
C. 

D. 

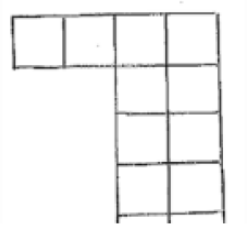
Pre-test **Unit Basic 2D and 3D** **Time 10 minutes**

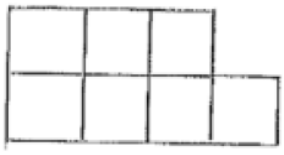
Subject Mathematics Semester 1 **Mathayomsuksa 1** **Questions 10**

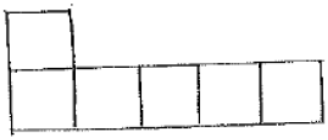
Solutio

6. 

Which one is the two-dimensional geo viewed from the .7/2)

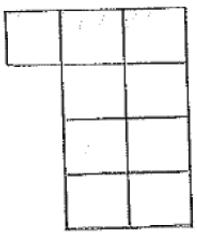
A. 

B. 

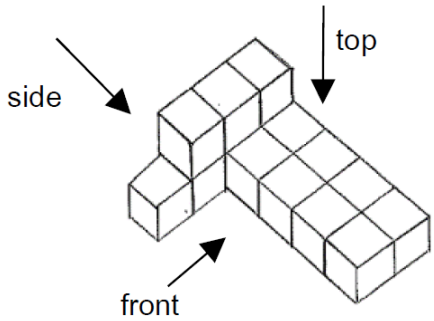
C. 

Pre-test **Unit Basic 2D and 3D** **Time 10 minutes**

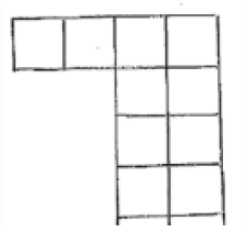
Subject Mathematics Semester 1 **Mathayomsuksa 1** **Questions 10**

D. 

Solutio 

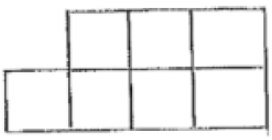
7. 

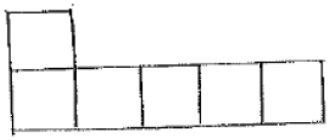
Which one is the two-dimensional geo viewed from the 7/2)

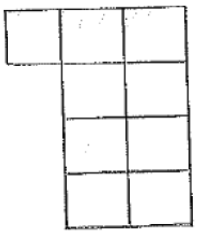
A. 

Pre-test **Unit Basic 2D and 3D** **Time 10 minutes**

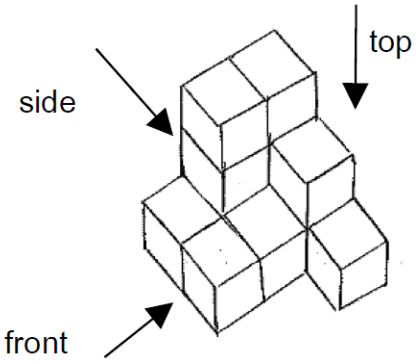
Subject Mathematics Semester 1 **Mathayomsuksa 1** **Questions 10**

B. 

C. 

D. 

Solutio 

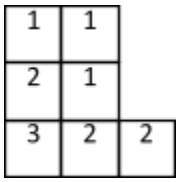
8. 

Which one is the two-dimensional geor viewed from the f nt thickness) ?)

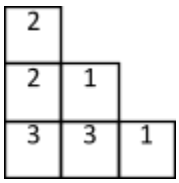
Pre-test **Unit Basic 2D and 3D** **Time 10 minutes**

Subject Mathematics Semester 1 **Mathayomsuksa 1**
Questions 10

A.



B.



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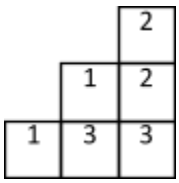
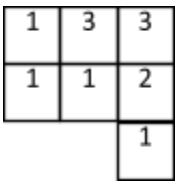
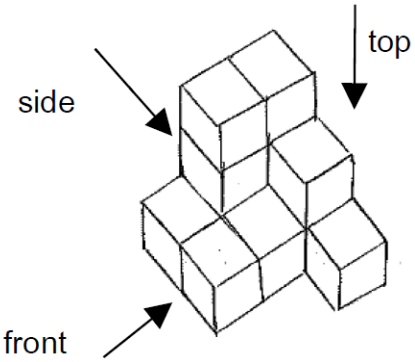


D.



Solution

9.

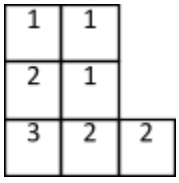


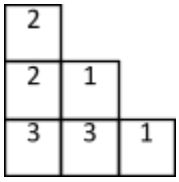
Pre-test **Unit Basic 2D and 3D** **Time 10 minutes**

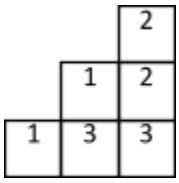
Subject Mathematics Semester 1 **Mathayomsuksa 1** **Questions 10**

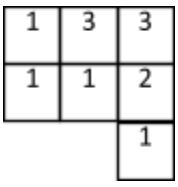
Which one is the two-dimensional geometric figure viewed from the side?(Numbers represent thickness)

(Analysis, MA 2.2 G.7/2)

A. 

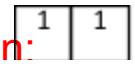
B. 

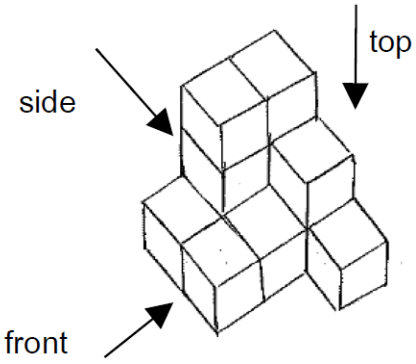
C. 

D. 

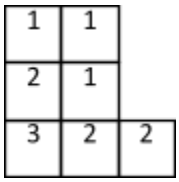
Pre-test **Unit Basic 2D and 3D** **Time 10 minutes**

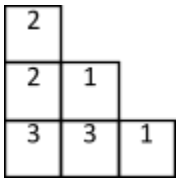
Subject Mathematics Semester 1 **Mathayomsuksa 1** **Questions 10**

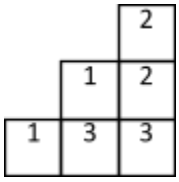
Solution: 

10. 

Which one is the two-dimensional geor viewed from the s t thickness) ?)

A. 

B. 

C. 

Pre-test **Unit Basic 2D and 3D** **Time 10 minutes**

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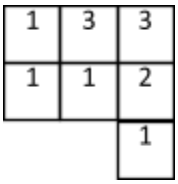
D.



Solution: