



Samroiyod Wittayakhom School

Math22101

40 minutes

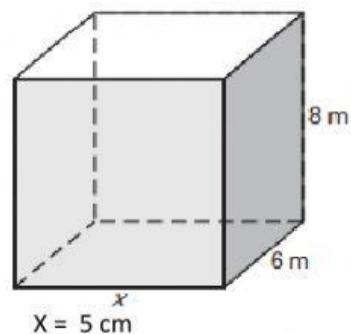
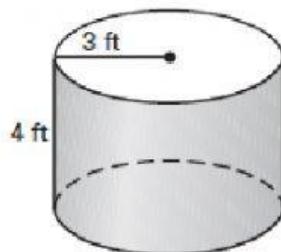
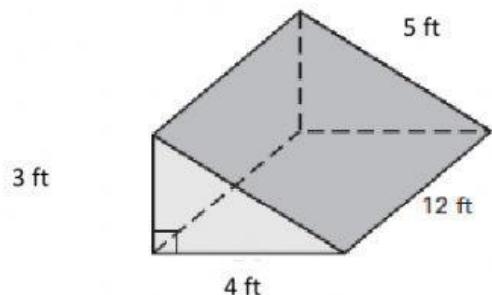
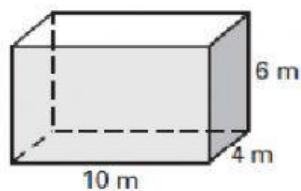
Prepared by: Mr. Julius Cano Pacheco

**TASK No. 4**

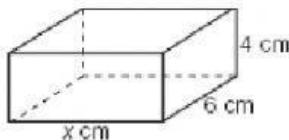
Semester 1 / M.2

10 marks

## TEST I: Solve for the Surface Area of the following figures.

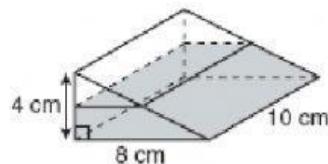


## TEST II: Multiple Choice. Choose the best answer.



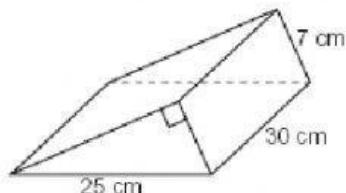
The figure above shows a cuboid. Given that the surface area of the cuboid is  $208 \text{ cm}^2$ , calculate the value of  $x$ .

- A 8
- B 12
- C 14
- D 16



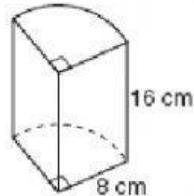
A prism as shown is half filled with water. Calculate the volume, in  $\text{cm}^3$ , of the water.

- A 120
- B 100
- C 80
- D 40



The figure above shows a prism. The area, in  $\text{cm}^2$ , of the prism is

- A 168
- B 1680
- C 1848
- D 1898



Calculate the volume, in  $\text{cm}^3$ , of the solid above which is a portion of a cylinder.

- A  $256\pi$
- B  $384\pi$
- C  $512\pi$
- D  $640\pi$