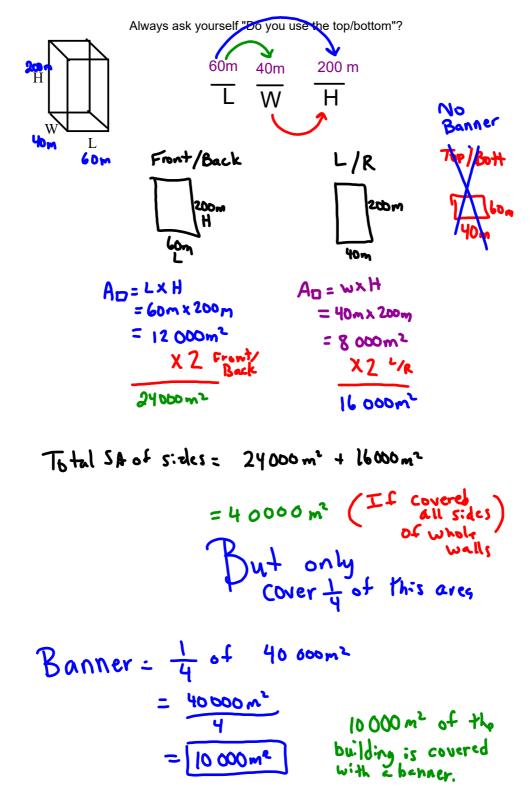
Warm Up Grade 8
Date:\_\_\_\_

Whenever 3 dimensions are given, they are in the order: length, width and height.

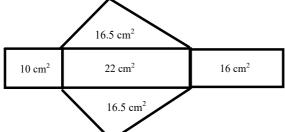
## **Assessment Review**

1) An office is in the shape of a right rectangular prism with length 60 m width 40 m and height 200 m. The top quarter of each vertical face of the building is to be covered with a large banner advertising a major sporting event. What is the total surface area to be covered with banners?





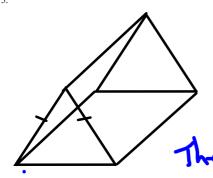
4.



Find the surface area by adding the oreas of all faces

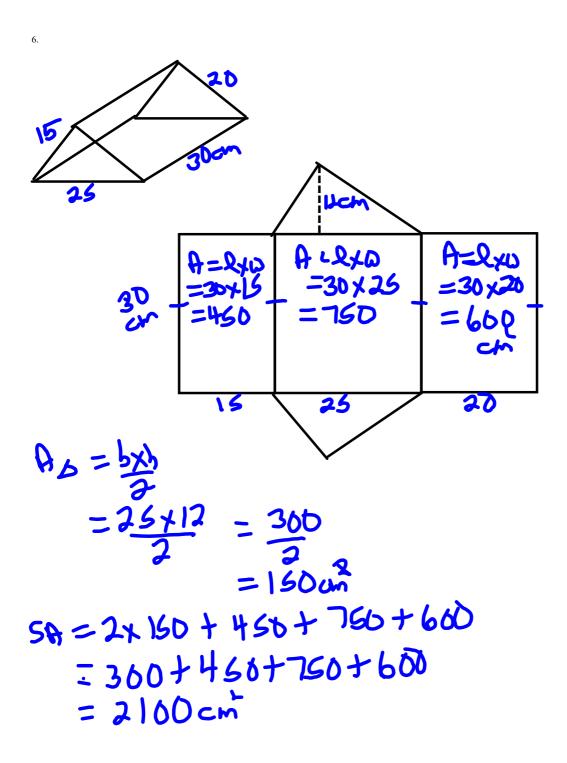
$$0 - 10 + 20 + 11 + 2 \times 16.5$$
  
= 48+33  
= 81

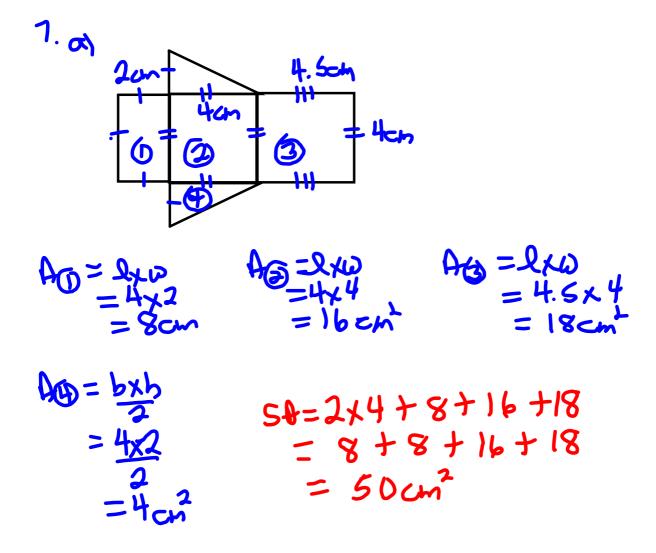
5.



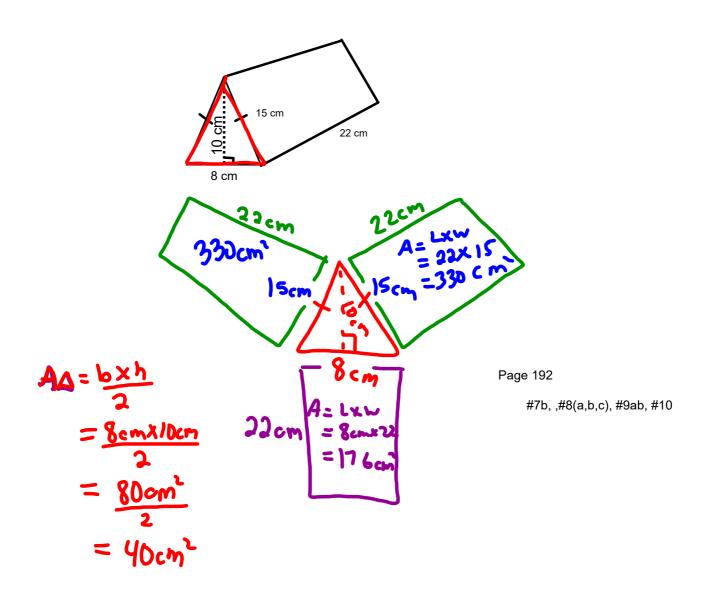
The bases of any prism are congruent and share the same area

The rectardes on the sides are congruent (since the lengths of the 2 sides in the triangle are the same).





Sketch the faces of this right triangular prism. What is its surface area?



Total SA = 
$$2\Delta + \Box + \Box + \Box$$
  
=  $2(40cm^2) + 176cm^2 + 330cm^2 + 330cm^2 + 330cm^2 + 330cm^2 + 330cm^2 + 330cm^2$   
=  $9/6cm^2$ 



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If need more ##10 (bc), 13, 14,

Review of Surface area of 2D Shape Grade 8 Unit 4 PDF.pdf