

May 16 Warm Up

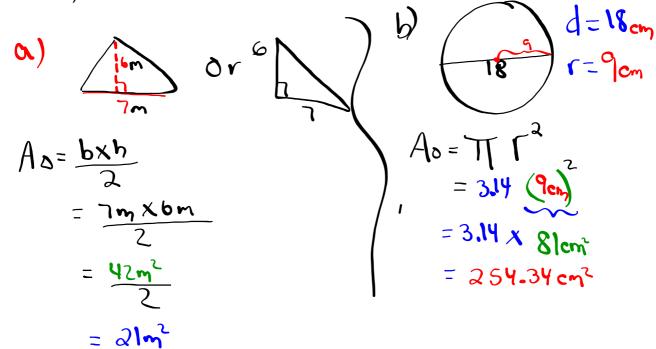


Assessment Review

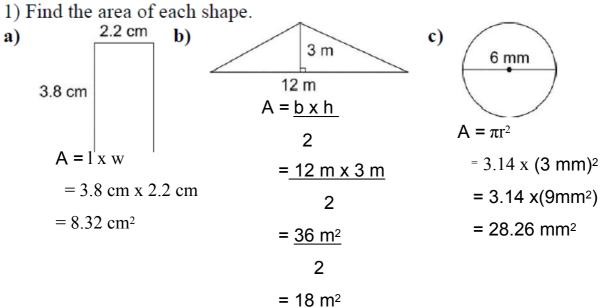
- 1) Write the following as a fraction, decimal and a percent. "6 out of 8 wins"
- = \frac{6}{8} 0.75 75%
 = \frac{3}{4} \frac{75\cdots}{500} \tag{400}
- 2) Jim gets paid \$12/hour on weekdays and \$16/hour on weekends. If he works 8 weekly hours and 3 weekend hours, how much will he get paid?



- 1) Sketch the diagram and find the area for each shape.
 - a) a triangle with a base of 7m and a height of 6m
 - b) a circle with a diameter of 18 cm

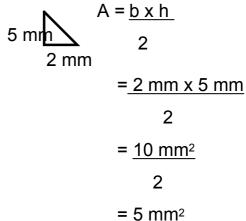


Area of Two-Dimensional Shapes



- 2) Find the area of the each shape and sketch the shape.
- a. A triangle with height 3 m and base 4 m

b. A triangle with height 2 mm and base 5 mm

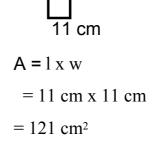


c. A rectangle with length 7 cm and width 1.5 cm

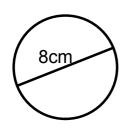
$$A = 1 x w$$

= 7 cm x 1.5 cm
= 10.5 cm²

d. A square with side length 11 cm

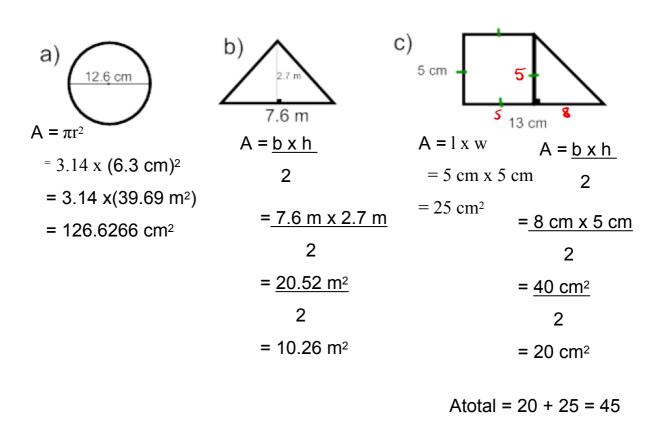


e. A circle with diameter 8 cm



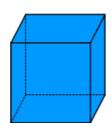
$$A = \pi r^{2}$$
= 3.14 x (4 cm)²
= 3.14 x(16 cm²)
= 50.24 cm²

3) Find the surface Area

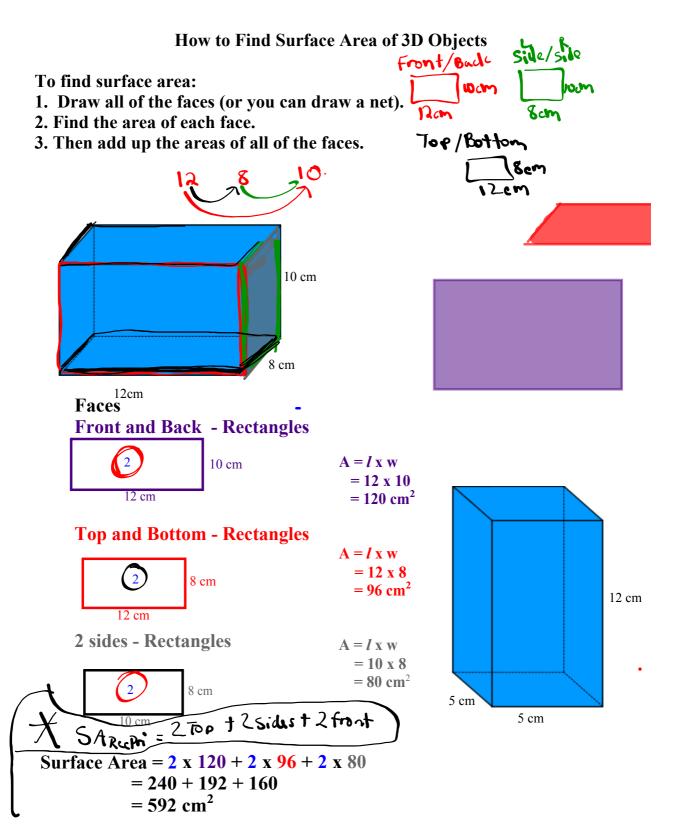


Surface Area of Right Rectangular Prisms

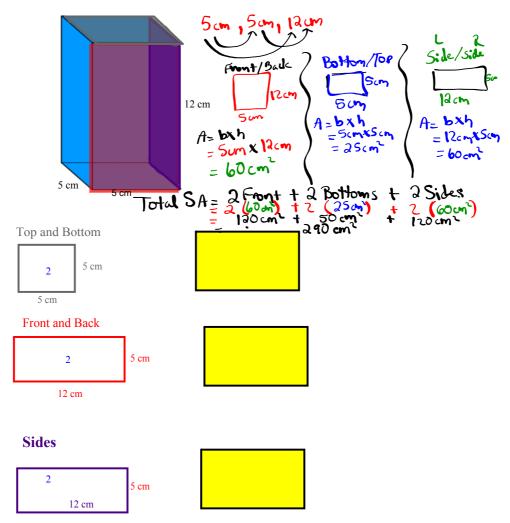
Surface Area is the sum of the area of all the faces of a 3D object.



Square units (for example: m², cm²) are used to measure area and surface area and MUST be included!

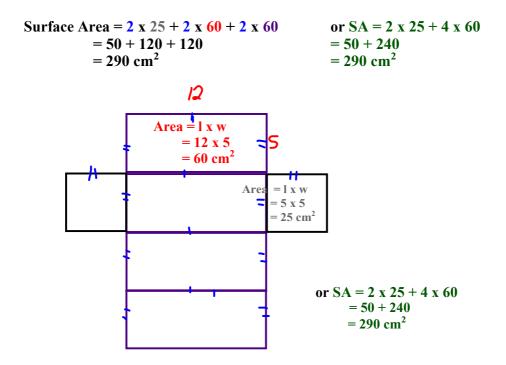


What is the surface area of this rectangular prism?

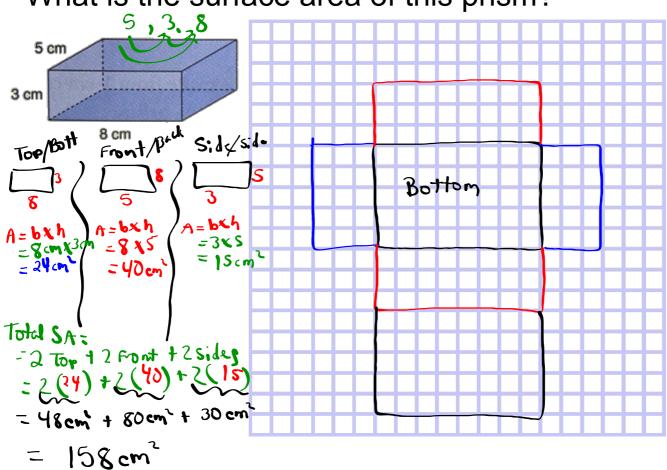


What do you notice about the front and back and 2 sides?

Then you could have said you have 4 rectangles that are the same and multuiply by 4.



What is the surface area of this prism?



Practice Questions

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Extra help after school!!

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