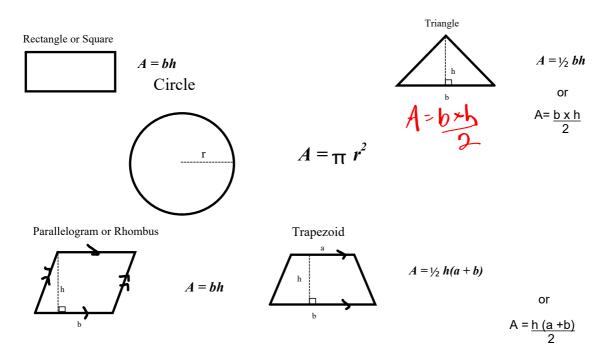
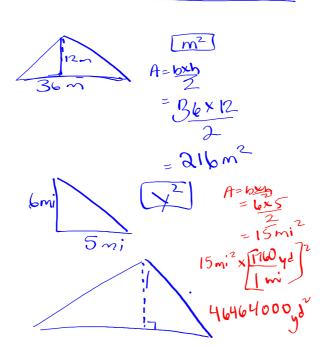
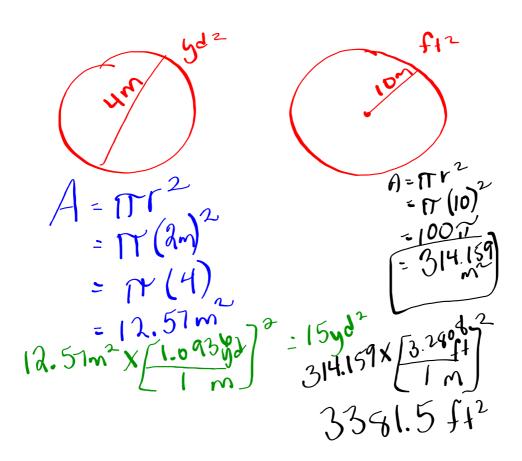


AREA Formulas...



$$\frac{5.2 \text{ in}}{5.2 \text{ in}} = \frac{5.2 \times 5.2}{5.2 \times 5.2} = \frac{27.04 \text{ in}^2}{27.04 \text{ in}^2} \times \frac{2.54 \text{ cm}^2}{1 \text{ jm}}^2 = 174.5 \text{ cm}^2$$





Surface Area

Grade 9 review

Surface area is the total area of all of the faces of the object.

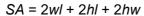
Steps need to find Surface area are:

- 1. Draw all of the faces with dimensions displayed on them.
- 2. Find the area of each face.
- 3. Then add up the areas of all of the faces.

Activate Prior Learning:

Surface Areas of Right Prisms and Cylinders SA = (Area of base) x height

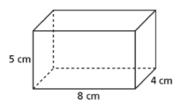


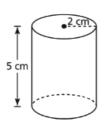




$$SA = 2\pi r^2 + 2\pi rh$$

Which object below has the greater surface area?



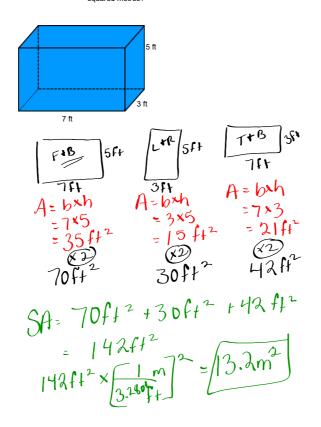




1.4 Surface Areas of Right Pyramids and Right Cones

Surface Area

What is the surface area of the rectangular prism in squared metres?

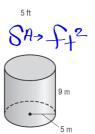


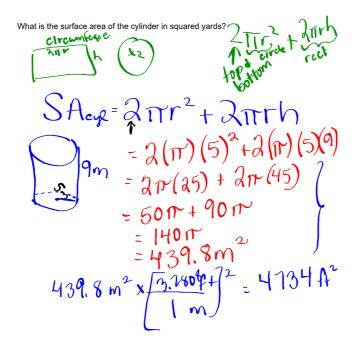
cylinder with height h and radius r is the area of area of the curved surface, or $S = 2\pi r^2 + 2\pi rh$.

the surface area of the cylinder. d to the nearest tenth.

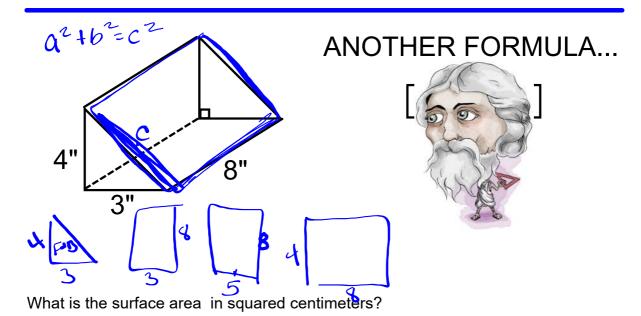
Surface area of a cylinder r - 5 h - 0

oui գոր գոր re meter





EXAMPLE #3:



Homework-Finish this

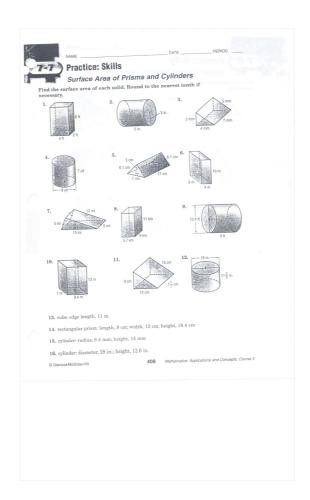
Glass/ Homework

Last slide - finish question

Worksheet: 7-7 Practice Skills

- 1-3

September 23, 2019



Worksheet - Surface Area of Prisms and Cylinders.docx Worksheet4_Basic Area Conversions.pdf