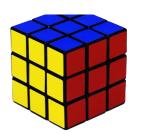
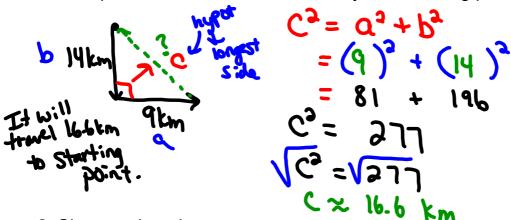


Warm Up Grade 8 May 10, 2018



Assessment Review

1. A ship travels for 14 km toward the south. It then changes direction and travels for 9 km toward the east. How far does the ship have to travel to return directly to its starting point?



2. Show work and answer.

a)
$$\frac{3}{4} \div \frac{1}{4}$$

Flip and multiply

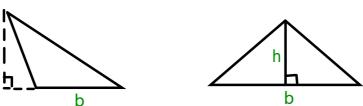
$$= \frac{3}{4} \times \frac{4}{4}$$

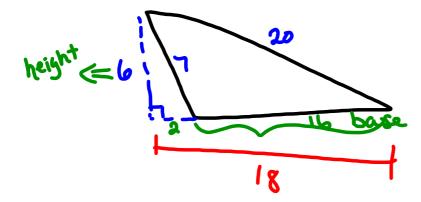
$$= \frac{12}{4}$$
Reduce
$$= \frac{3}{4}$$

Area of Polygons

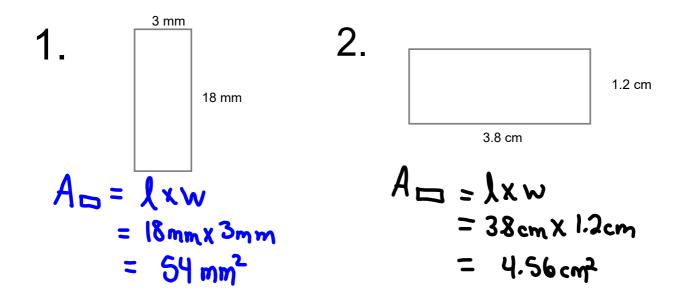
Area of a rectangle A = length x width OR A = l x w

Area of a triangle $A = \underline{base \ x \ height}$ OR $A = \underline{b \ x \ h}$ 2

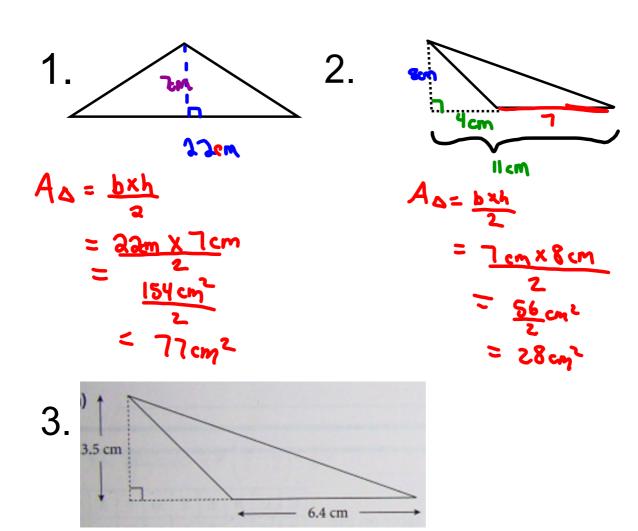




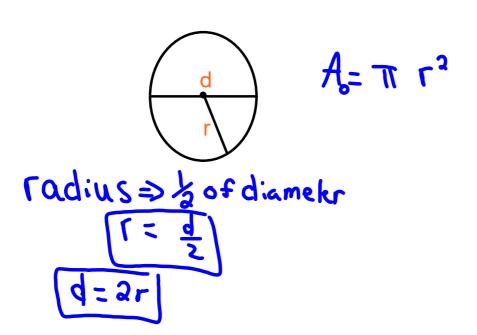
Find the area of each rectangle.



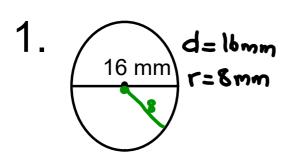
Find the area of each triangle.



Area of a circle $A = \pi x \text{ radius}^2$ OR $A = \pi r^2$



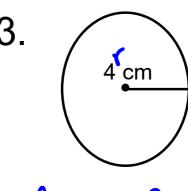
Find the area of each circle.



$$A_0 = \pi c^2$$

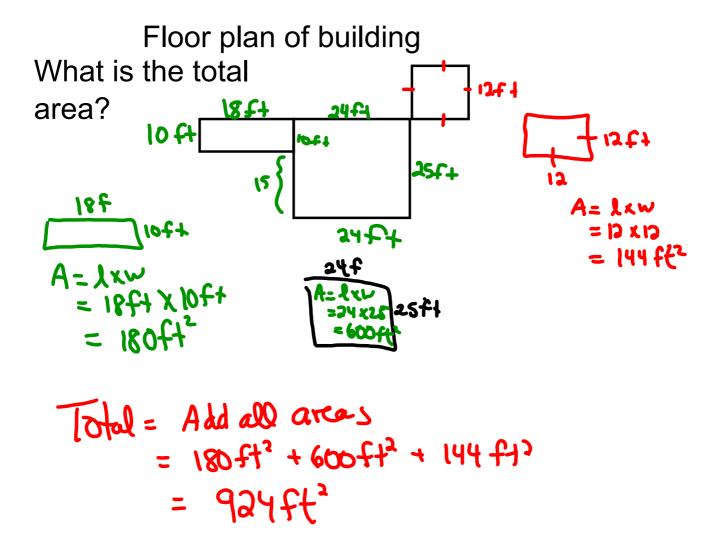
$$= 3.14 \times 64 m_2$$

$$= 300.96 mm^2$$



$$A_0 = TT r^2$$

= 3.14 (4cm)²
= 3.14 × 16cm²
 $A_0 = 50.24 \text{ cm}^2$



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