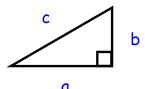
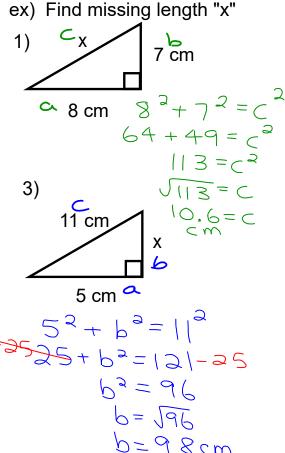
## Review: Pythagorean Theorem

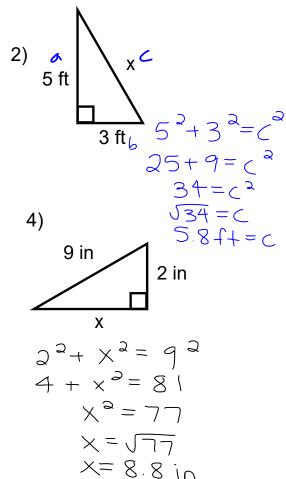


$$a^2 + b^2 = c^2$$

- only works for right triangles.
- need 2 sides

ex) Find missing length "x"





## **Area**

- amount of space an object takes up in 2-D

$$A_{\square} = s \times s \text{ or } s^2$$

$$A_{\square} = L \times W$$

$$A_O = \pi r^2$$

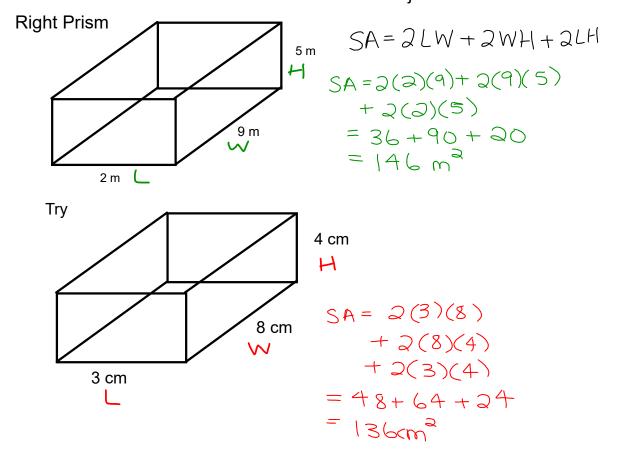
$$A_{\bigcirc} = L \times W$$

$$A_{\bigcirc} = \pi r^{2}$$

$$A_{\bigcirc} = \frac{1}{2}bh = \frac{bh}{2}$$

## **Surface Area**

- the total area of all sides of a 3-d object



## S.A of Cylinder

