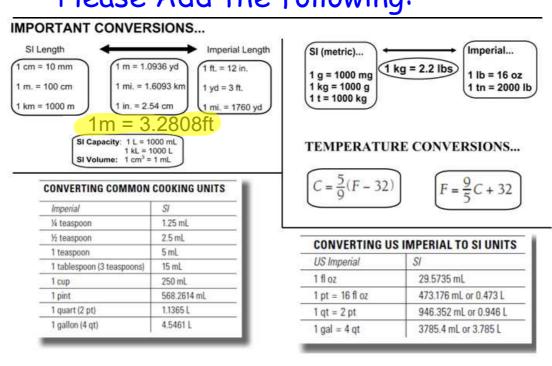
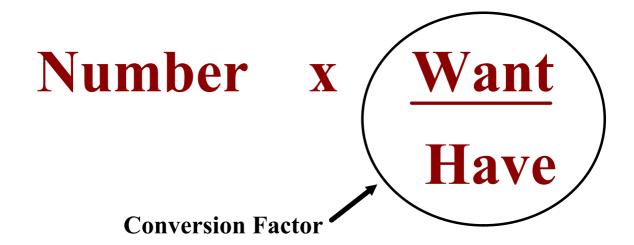


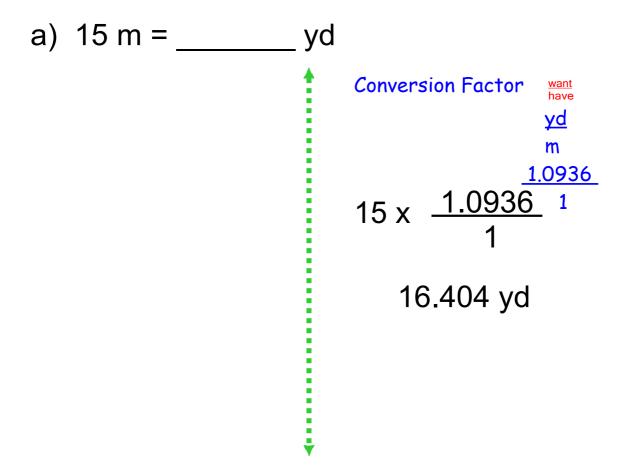
## Please Add the following:

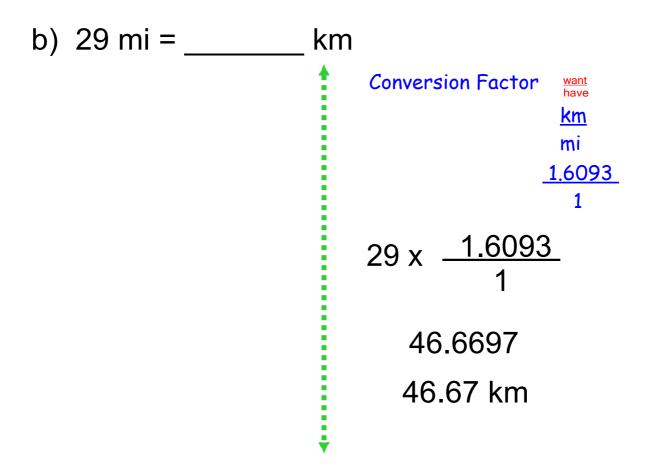




## Determine the following:



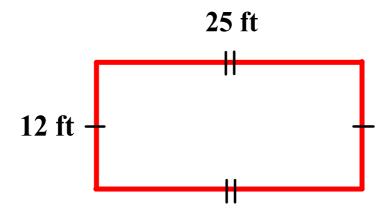




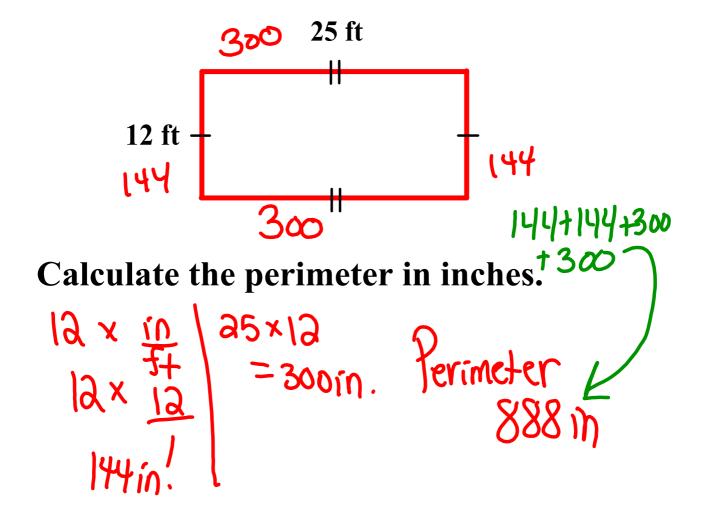
**Conversion Factor** 

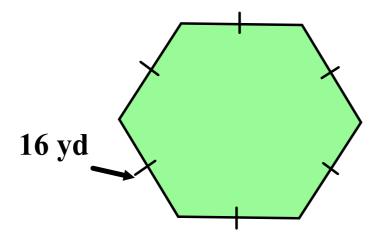
$$49 \times \frac{1}{3.2808}$$

14.94 m

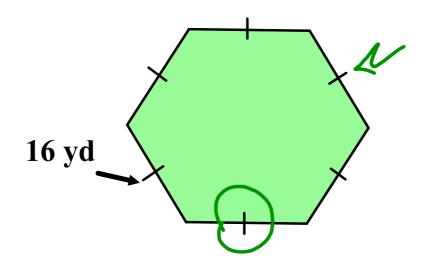


Calculate the perimeter in inches.



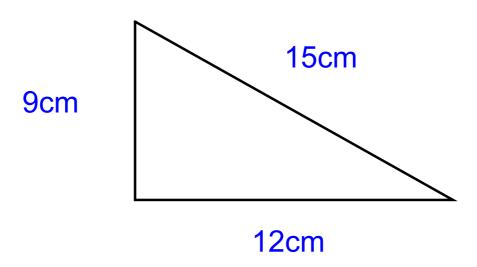


Calculate the perimeter in meters.

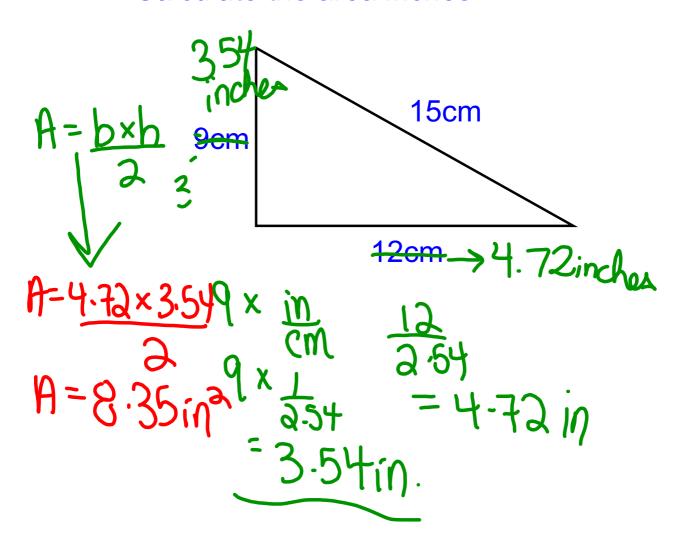


## Calculate the perimeter in meters.

### Calculate the area inches



#### Calculate the area inches



# Homework Finish worksheet

Giselle would like to replace the carpet in her living room. She used her imperial tape measure to measure the room, and the dimensions were 12 ft by 15 ft. When she went to the carpet store, she found the price of the carpet was \$24.99/m² (taxes included). She cannot order less than a full square metre of carpet.

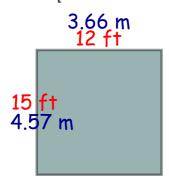
a) What is the total amount of carpeting needed?

Hint:

Convert the ft to m pronto!!

b) How much will it cost?

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a) What is the total amount of carpeting needed?

lint:

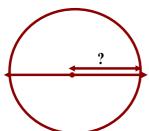
Convert the ft to m pronto!!

12 x 
$$\frac{1}{3.2808}$$
 15 x  $\frac{1}{3.2808}$  A = L x W  
A = 3.66 x 4.57  
3.66 m 4.57 m A = 16.73 m<sup>2</sup>

b) How much will it cost?

Doug is the cost estimator for a landscape company He has to calculate the amount of material needed to construct a circular outdoor patio built from paving stones. The diameter is 13 m. One bundle of paving stones covers 116 ft<sup>2</sup>. Doug has ordered 11 bundles of paving stones. Did he order enough to cover the whole area?





Area = 
$$(3.14)r^2$$
 When complete, the patio look similar to this design.  
=  $(3.14)(21.33)^2$   
=  $(3.14)(454.97)$   
=  $1428.61$ 

Number of bundles = 1428.61 / 116 = 12.32 At Sandspit in PEI a child purchases a bracelet for the park. Their are two different prices for bracelets. If you are 36 inches or less the price for a day bracelet is \$20.00. If you are more than 36 inches the price is \$24.99. If the child is 104 cm, which bracelet should he purchase?

