

## Level 4 Homework - Trigonometry

Answer the following questions, showing all your working.

No calculator allowed in questions 1 to 4.

1.  $29.7 + 5.12$

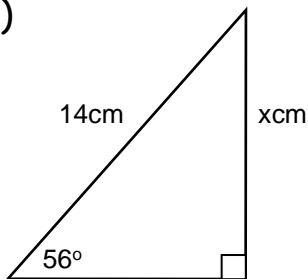
2.  $34 - 2.04$

3. 25% of 64

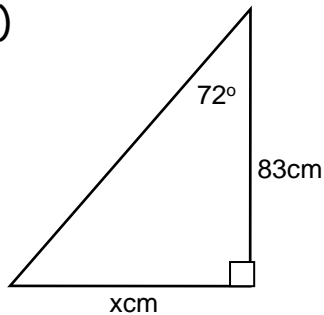
4.  $\frac{2}{5}$  of 225

5. Calculate the length of  $x$  each time

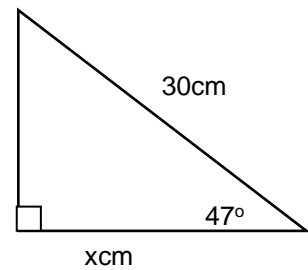
a)



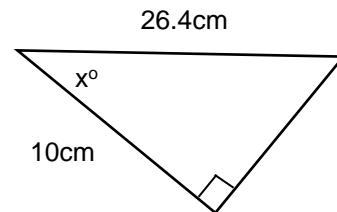
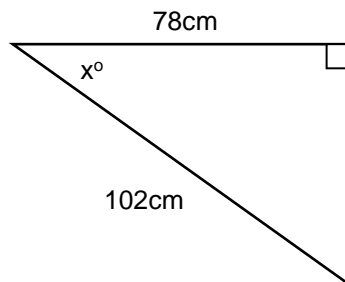
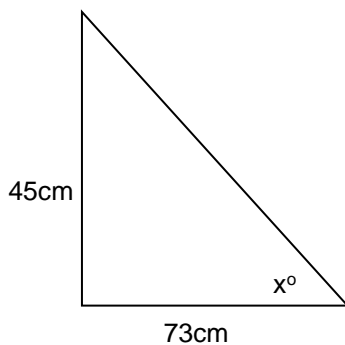
b)



c)



6. Calculate the size of angle  $x$ .



7. Calculate the height of the lighthouse.

