

12th January

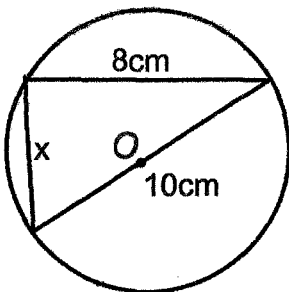


Corbettmaths

$$4^0 + 4^{\frac{1}{2}} + 4^1 + 4^2$$

$$1 + 2 + 4 + 16$$

$$= \underline{\underline{23}}$$



Find x - triangle is right angle
(angle at outside of a semi-circle = 90°)

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

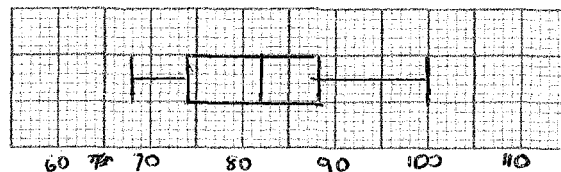
$$8^2 + b^2 = 10^2$$

$$b^2 = 100 - 64$$

$$b^2 = 36$$

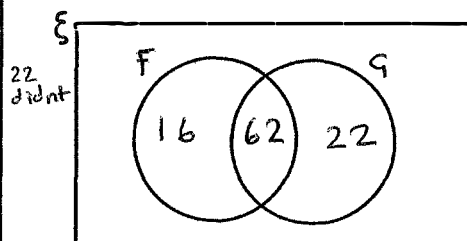
$$\underline{\underline{b = 6cm}}$$

Lowest	68kg
Lower Quartile	74kg
Median	82kg
Upper Quartile	88kg
Highest	100kg



Draw a box plot to show this information

The students in a school sit two tests, a French test (F) and German test (G). Everyone passed at least one test. 78% passed the French test and 84% passed the German test.



Show this information in the Venn diagram

After a reduction of 6% in the original price, a caravan is sold for £7000.

Lower bound $\frac{6500}{7500} = 5.5$
 UB $\frac{6.5}{7500}$
 after reduction = 0.935 (as decimal)

Both these values are correct to one significant figure.

Calculate the lowest possible original price before the reduction was applied.

$$6500 \div 0.945 = \text{£}6878.30$$