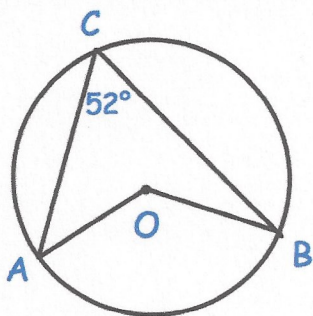


19th August



Corbettmaths

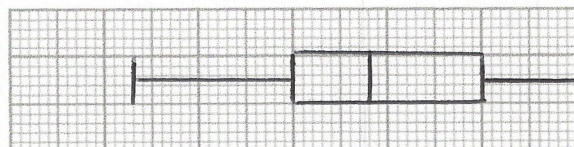


O is the centre of the circle.

Find angle AOB

$$104^\circ$$

The lightest female rugby player is 53kg.
 The lower quartile is 70kg.
 The median is 78kg.
 The range is 47kg and interquartile range is 20kg.



40 50 60 70 80 90 100

Draw a box plot to show this information

$$53 + 47 = 100$$

$$70 + 20 = 90$$

What weight is 75% of the rugby players lighter than?

$$90 \text{ kg}$$

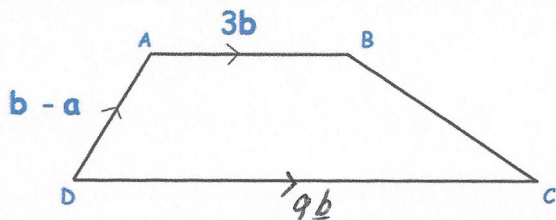
A rectangular field has:

length 160m, to 2 significant figures.
 width 81m, to 2 significant figures.

Calculate the upper bound for the area of the field.

$$165 \times 81.5 =$$

$$13447.5 \text{ m}^2$$



Write down a vector for \overrightarrow{DC}

$$3b$$

AB and DC are parallel.
 $DC = 3AB$