

25th February

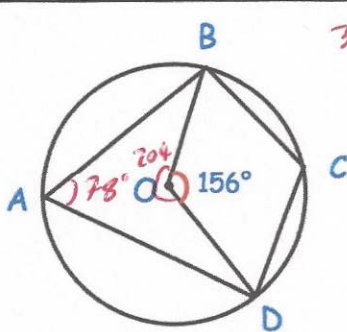


Corbettmaths

Simplify

$$(5xy^2)^3$$

$$125x^3y^6$$



Find the size of BCD.

$$204 \div 2 = 102^\circ$$

or

$$156 \div 2 = 78$$

$$180 - 78 = 102^\circ$$

Simplify  $\sqrt{27}$ 

$$\sqrt{9} \times \sqrt{3}$$

$$3\sqrt{3}$$

Simplify  $\sqrt{300}$ 

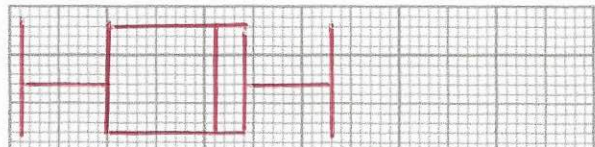
$$\sqrt{100} \times \sqrt{3}$$

$$10\sqrt{3}$$

The lightest female rugby player is 51kg.  
 The lower quartile is 60kg.  
 The median is 71kg.  
 The range is 32kg and interquartile range is 14kg.

$$60 + 14 = 74$$

$$51 + 32 = 83$$



50 60 70 80 90 100 110  
 weight (kg)

Draw a box plot to show this information

Factorise  $3y^2 + 10y - 8$ 

$$(3y - 2)(y + 4)$$

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