

A rugby club, R, has a bearing of  $120^\circ$  from town A.  
 The rugby club, R, has a bearing of  $260^\circ$  from town B.  
 Mark the position of the rugby club with a cross (x) and label it R.

The mass of an object is measured at 7g to the nearest gram.

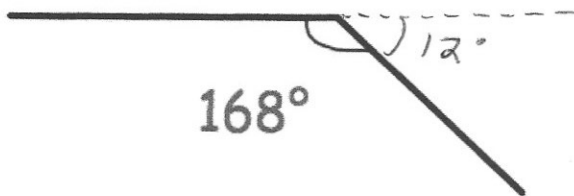
Complete the following statement to show the range of possible values of m.

$$\dots\dots\dots 6.5 \leq m < 7.5 \dots\dots\dots$$

It takes 9 weeks for 40 builders to build 80 houses.

How long would it take 15 builders to build 30 houses?

$$\begin{aligned} 9 \times 40 &= 360 \\ 360 \div 80 &= 4.5 \\ 4.5 \times 30 &= 135 \\ 135 \div 15 &= 9 \text{ weeks} \end{aligned}$$



Shown is one angle from a regular polygon.

How many sides does it have?

$$360 \div 12 = 30 \text{ sides}$$