

**1. Specimen/2025/Paper\_01/No.8**

Kim takes part in a race that covers a total distance of 20 000 m.  
She cycles 17 875 m and runs the remaining distance.

(a) Work out the distance Kim runs.

..... m [1]

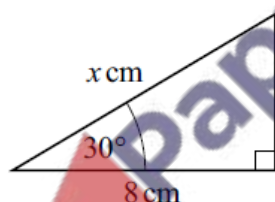
(b) Write the number 17 875 in words.

.....  
..... [1]

(c) Write the number 17 875 correct to the nearest hundred.

..... [1]

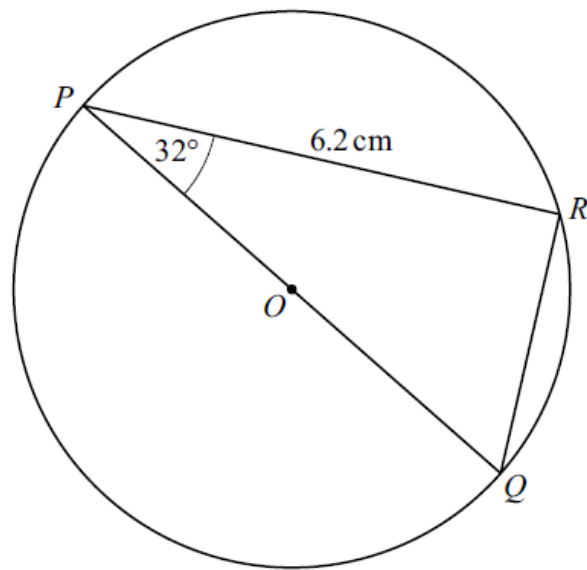
**2. Specimen/2025/Paper\_02/No.22**



NOT TO  
SCALE

Find the exact value of  $x$ .

$x =$  ..... [4]



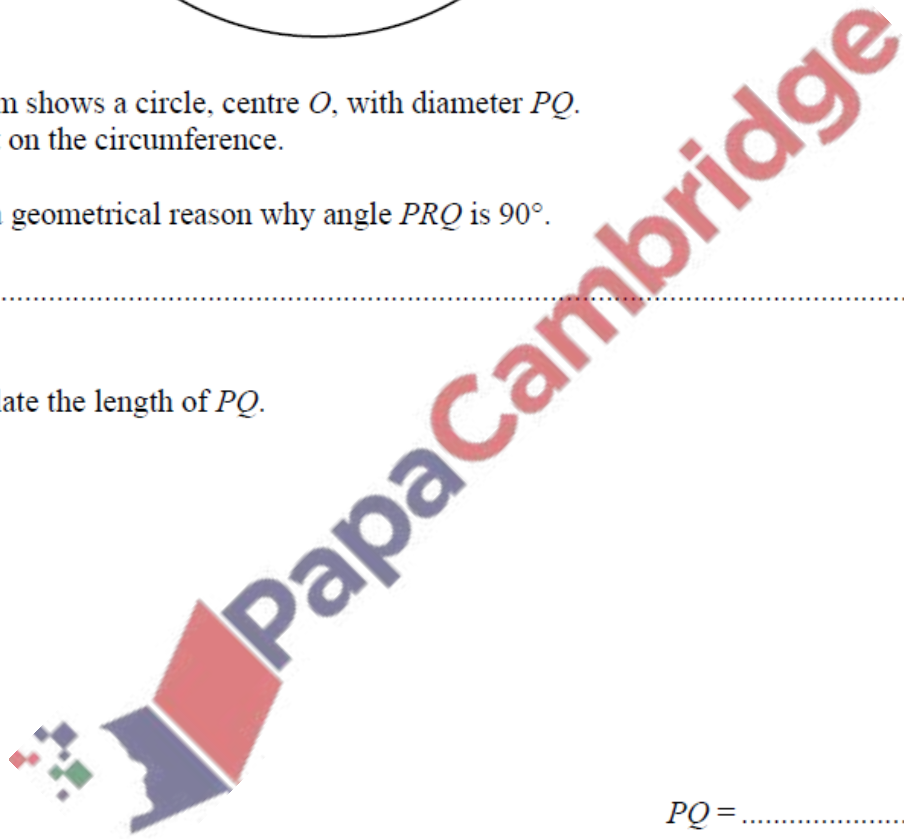
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The diagram shows a circle, centre  $O$ , with diameter  $PQ$ .  
 $R$  is a point on the circumference.

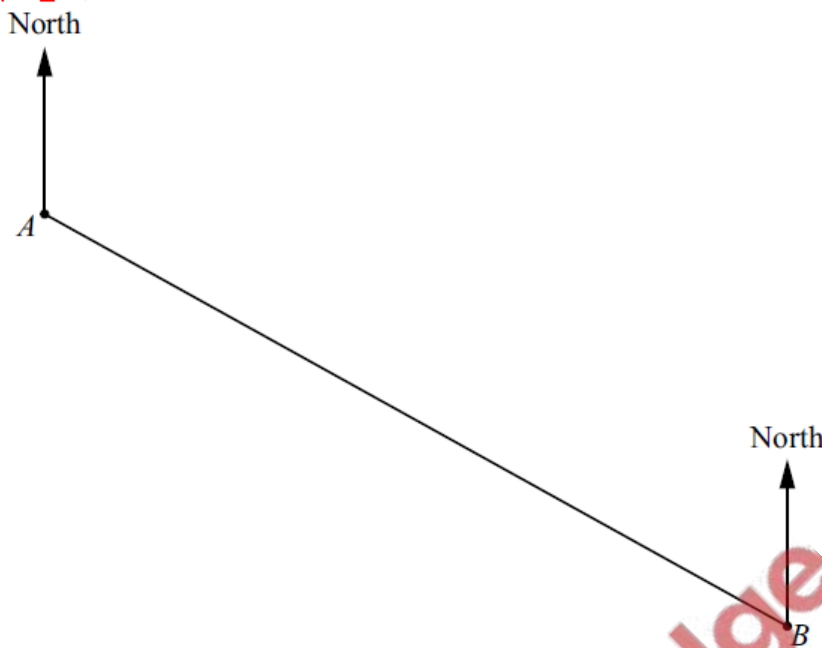
(a) Give a geometrical reason why angle  $PRQ$  is  $90^\circ$ .

..... [1]

(b) Calculate the length of  $PQ$ .



$PQ = \dots\dots\dots \text{ cm}$  [3]



Two towns,  $A$  and  $B$ , are shown on a map.  
The scale of the map is 1 cm to 3 km.

(a) Find the actual distance between  $A$  and  $B$ .

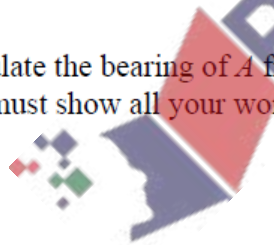
..... km [1]

(b) Measure the bearing of  $B$  from  $A$ .

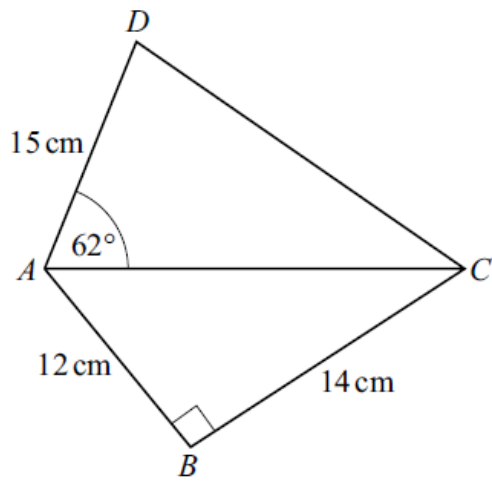
..... [1]

(c) Calculate the bearing of  $A$  from  $B$ .  
You must show all your working.

..... [2]



PapaCambridge



NOT TO  
SCALE

The diagram shows a quadrilateral,  $ABCD$ , formed from two triangles,  $ABC$  and  $ACD$ .  $ABC$  is a right-angled triangle.

(a) Calculate angle  $BAC$ .

Angle  $BAC = \dots\dots\dots$  [2]

(b) Calculate  $BD$ .

$BD = \dots\dots\dots$  cm [4]

(c) Calculate the shortest distance from  $D$  to  $AC$ .

$\dots\dots\dots$  cm [3]