

Higher GCSE Mathematics Revision Pack

SHAPE AND SPACE – CALC

Q1.

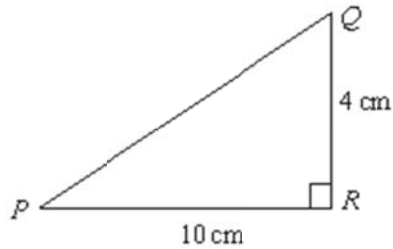


Diagram **NOT** accurately drawn

PQR is a right-angled triangle.

$$QR = 4 \text{ cm}$$

$$PR = 10 \text{ cm}$$

Work out the size of angle RPQ .

Give your answer correct to 3 significant figures.

.....°

(Total 3 marks)

Q2.

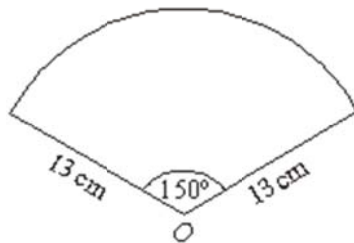


Diagram **NOT** accurately drawn

The diagram shows a sector of a circle, centre O .

The radius of the circle is 13 cm.

The angle of the sector is 150° .

Calculate the area of the sector.

Give your answer correct to 3 significant figures.

..... cm^2

(Total 2 marks)