

27

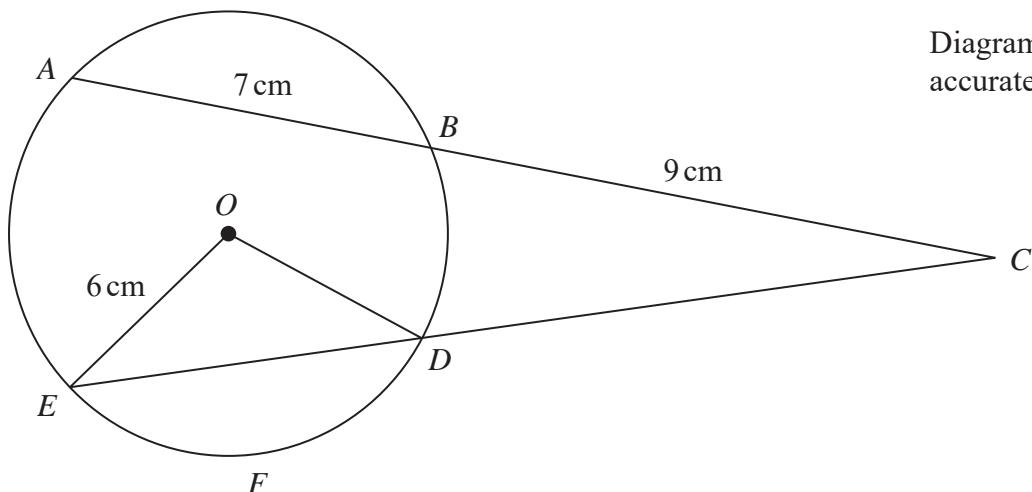


Diagram NOT
accurately drawn

In the diagram, $ABDFE$ is a circle, centre O and radius 6 cm.
 ABC and EDC are straight lines.

The arc EFD is of length $\frac{7}{2}\pi$ cm.

Calculate the length, in cm to 3 significant figures, of DC .

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..... cm

(Total for Question 27 is 6 marks)

TOTAL FOR PAPER IS 100 MARKS

