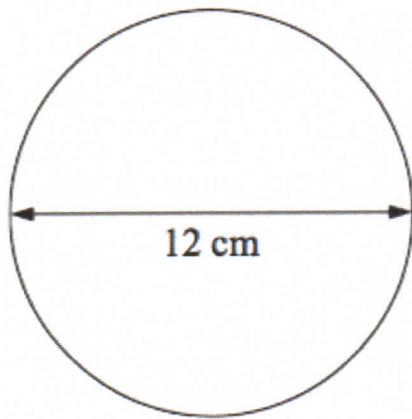# Geometry - Circle Circumference

Q1

A circle has a diameter of 12 cm.
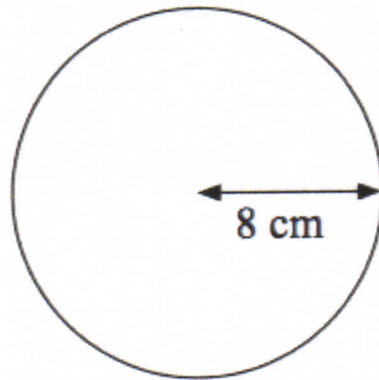

12 cm

Work out the circumference of the circle.
Give your answer correct to 3 significant figures.

.... cm

(Total 2 marks)

Q2

8 cm

The radius of this circle is 8 cm.

Work out the circumference of the circle.
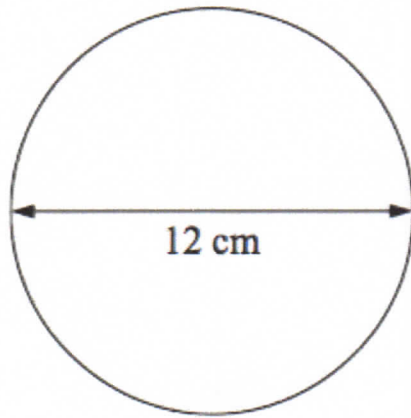Give your answer correct to 2 decimal places.

.... cm

(Total 2 marks)

Geometry - Circle Circumference

Q1

A circle has a diameter of 12 cm.

12 cm

$Circumference = 2\pi r$
$\qquad\qquad or\ \pi d$
where d is diameter

$Circumference = \pi \times 12$
$\qquad\qquad = 37.699\ cm$

Work out the circumference of the circle.
Give your answer correct to 3 significant figures.

37.7
.... cm

(Total 2 marks)

Q2

8 cm
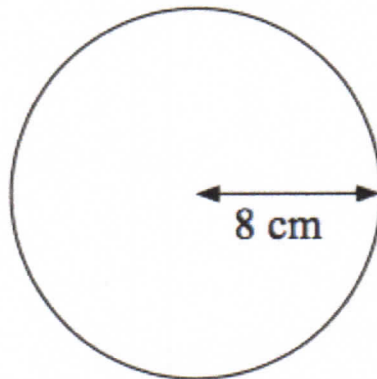
$Circumference = 2\pi r$

$\qquad = 2 \times \pi \times 8\ cm$

$\qquad = 50.265\ cm$

The radius of this circle is 8 cm.

Work out the circumference of the circle.
Give your answer correct to 2 decimal places.

50.27
.... cm

(Total 2 marks)