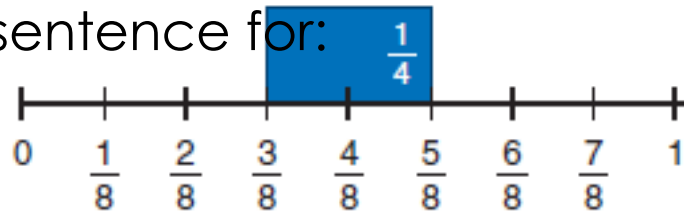1) BEDMAS: 20 - 10 $\div$ 2

2) 10 % of 256

3) 50% of 300

4) Write a subtraction sentence for:

5) 1/3 of 21

6) 20% of 15

7) Change to a Mixed Fraction:

   $\frac{13}{2}$

   7

8) 19 X 20

9) 16002 ÷ 2

10) What is the LCD for 2 and 5 ?

A circle has a circumference of 32.4 mm.
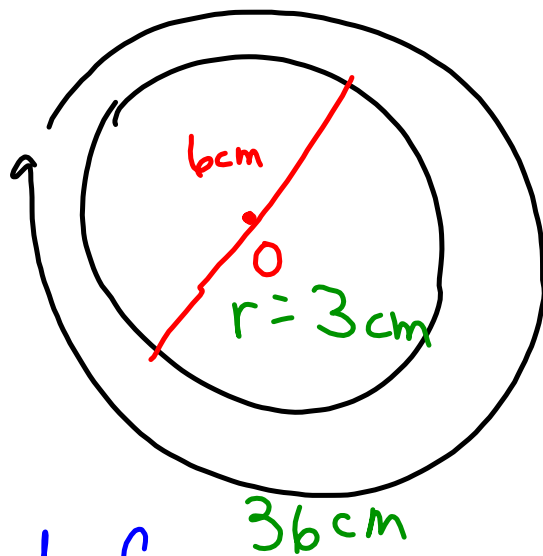Find the radius and the diameter. Round your answers to two decimal places.

a.   5.16 mm; 10.31 mm   c.   5.16 mm; 2.58 mm
b.   10.31 mm; 5.16 mm   d.   2.58 mm; 5.16 mm

A circular garden has radius 2.2 m. The garden is to be surrounded by edgi
Edging wire is sold in whole metre lengths.
a)   How many metres of wire are needed?
b)   Edging wire costs $4.63/m. What is the cost to edge the garden?

Homework...

Any questions?

6cm

O

r = 3cm
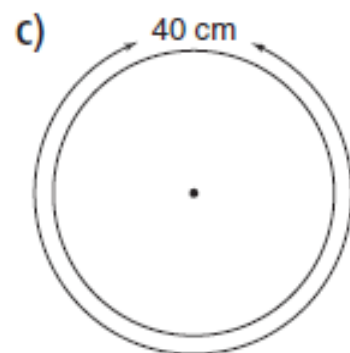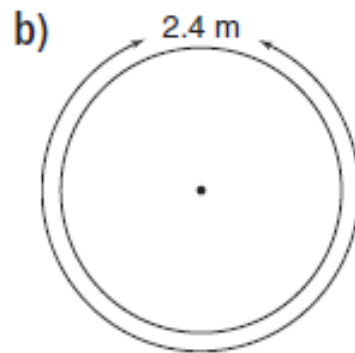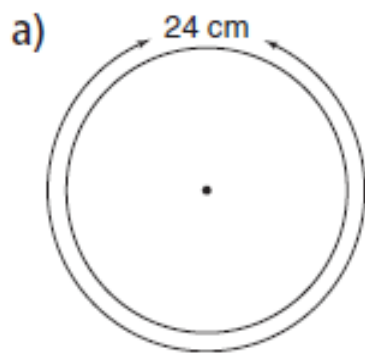
36cm

Circumference

$C = \pi d$
$= 3.14 \times 6cm$
$= 18.84 cm$

$d = \dfrac{C}{\pi}$
$= \dfrac{36}{3.14} cm \quad = 11.46cm$

Calculate the diameter and radius of each circle.

Give the answers to two decimal places.

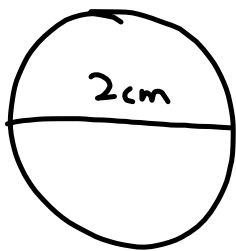Estimate to check the answers are reasonable.

a)   24 cm   b)   2.4 m   c)   40 cm
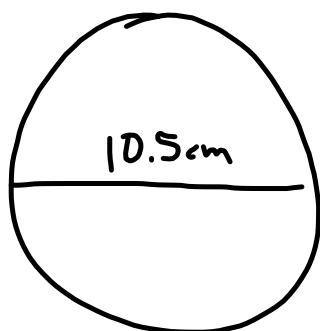
BANG!

5. a) Suppose you double the diameter of a circle.
   What happens to the circumference?
   b) Suppose you triple the diameter of a circle.
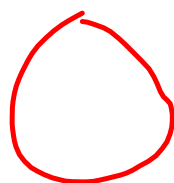   What happens to the circumference?
   Show your work.

$C = \pi d$

$= 3.14 \times 2cm$

$= 6.28 cm$

$C = \pi d$

$= 3.14 \times 4cm$

$= 12.56cm$

2cm

10.5cm

$$C = \pi d$$

Practise Pages

1m