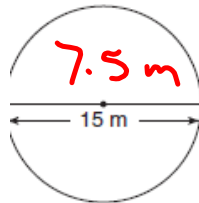


1) BEDMAS: $20 - 10 + 2$ $10 + 2 = 12$

2) 10% of 14 = 1.4

3) 50% of 26 = 13

4) What is the radius? 7.5 m $T \frac{1}{2}$



5) $\frac{1}{3}$ of 12 = 4

6) 20% of 40 = 8

7) Estimate the Circumference of the circle:

A circle has diameter 10 $\times 3 = 30$

8) $12 \times 20 = 240$

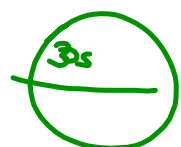
9) $2002 \div 2 = 1001$

10) What is the LCD for 3 and 5? 15

- 1) If you know the radius, how do you get the diameter?
- 2) If you know the diameter, how do you get the radius?
- 3) If you know the Circumference, how do you get the diameter?
- 4) If you know the diameter, how do you get the Circumference?
- 5) Which digits represent π ?



How many strokes would it take Kelsey to swim around the edge across the widest part of the pool.

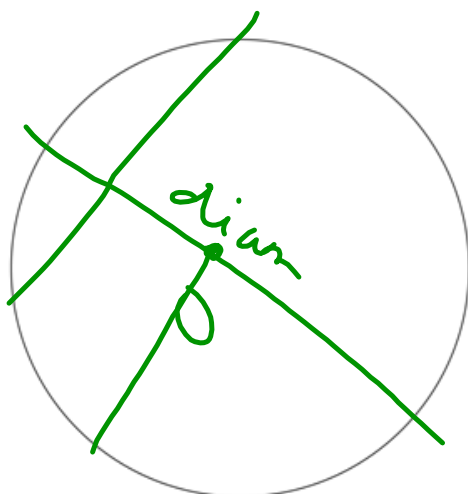

$$\begin{aligned}C &= \pi d \\ &= 3.14 \times 30 \text{ strokes} \\ &= 94.2 \text{ strokes}\end{aligned}$$



Check Homework...

Lesson 4.1: Investigating Circles

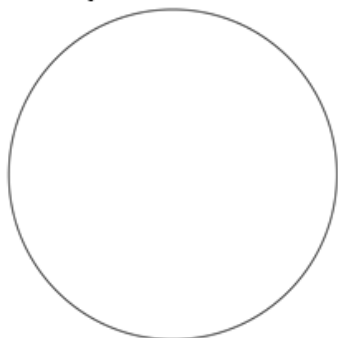
1. a) Mark the centre, a radius, and a diameter of the circle below.
- b) Measure the circumference of the circle.
Explain how you found your answer.
- c) Measure the radius and diameter of the circle.



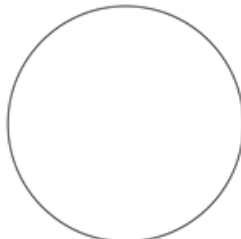
2. On each circle:

- a) Mark the centre, a radius, and a diameter.
 - b) Estimate the lengths of the radius and diameter.
 - c) Measure the lengths of the radius and diameter to the nearest millimetre.
- How do your estimates compare with the measurements?

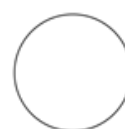
i)



ii)



iii)



Lesson 4.2: Circumference of a Circle

1. A circle has diameter 10.5 cm.
Calculate the circumference of the circle to the nearest millimetre.
2. A circle has radius 4.3 mm.
Calculate the circumference of the circle to the nearest millimetre.
3. A circle has circumference 12.6 m.
Calculate the diameter of the circle to the nearest centimetre.
4. Describe two different ways to find the circumference of a circle with radius 5 cm.

$$d = \frac{C}{\pi}$$

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Complete all questions

