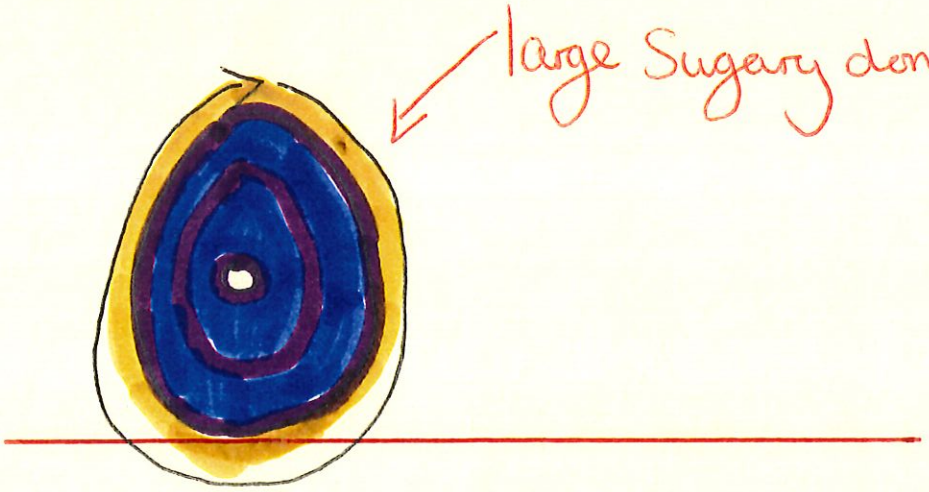
Greta was tired and hungry. It had been a long day with a very long science lesson that had drained her of all energy. What she really wanted was a donut but there were no donuts to be seen. Mum sent her to bed saying no donuts tonight ....

She was just falling asleep when a donut person rolled into her room. I'm here to explain circles to you.

There is a thing called **circumference**, it is the distance all around the edge of the circle.

For example if you rolled a wheel along the floor in a straight line it would be the distance of one full turn. It is the distance all the way around a large sugary donut.



To find the circumference you need to find the **diameter.** The diameter is a straight line across the wheel, it goes through the centre and it is the widest part of the circle.

And also you can find the diameter if you know the radius. The radius is the distance between the centre of the circle and the edge. To find the diameter, you need to double the **radius.**

You can find the radius by halving the diameter.

Diameter =

Radius =

Circumference = Pi x Diameter

Radius = 20cm

The diameter = 2 x 20cm

= 40cm

Circumference = Pi x 40

= 125.66cm

BUT how do we find the area ? ? 😐 because so far you have only told me about the **circumference,diameter and radius.**

CALM DOWN. To find the area you need to

Pi✖radius✖radius

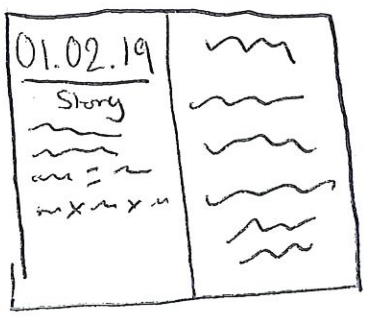
Pi x 20 x 20

Pi x 400 = 1256.64 cm^2

THANKS so much donut monster
I have learnt so much

No problem
Good bye

Wow that was amazing now all of you listeners go and write that in your books because this night was worth remembering.



write down