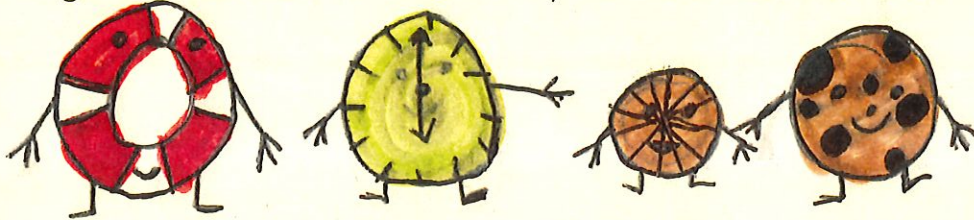


The Circle School

Welcome to The Circle School where all the students are circles.

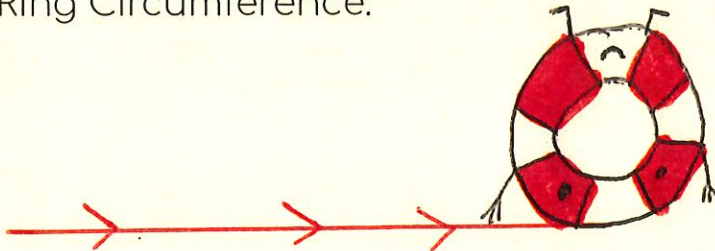
Let me introduce some of the pupils, first we have Life Ring Circumference, next we have Six O'clock Diameter, there is also little Wagon Wheel Radius and finally we have Cookie Area.



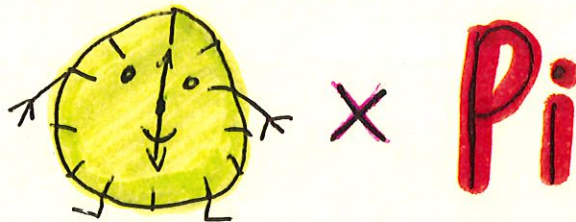
Today at school is Surname Day, where the circles have to tell the rest of the class what makes them different from the others. First up was Life Ring Circumference.



'I am the greatest because I am the distance around the whole edge of a circle. If you rolled me along the ground for one complete turn it would be the distance I travelled.' Explained Life Ring Circumference.

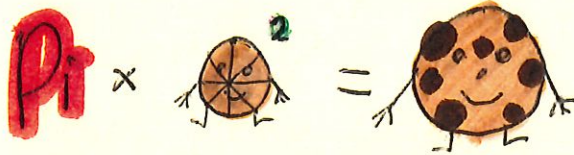


'Wait a minute Life Ring Circumference you're nothing without me!' argued Six O'clock Diameter, 'when finding the circumference you have to times me by pi and only then will you know the actual number.'



Next up was Cookie Area 'My surname is Area,' she started 'and i think i'm the most important be...'

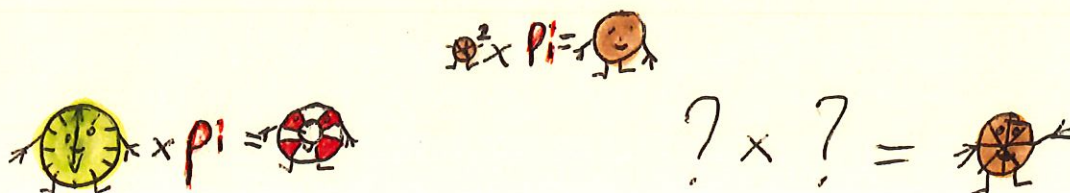
'Hang on,' butted in little Wagon Wheel Radius, 'if you want to find the area of something you have to know me first because the formula for area is pi x R (radius) squared.'



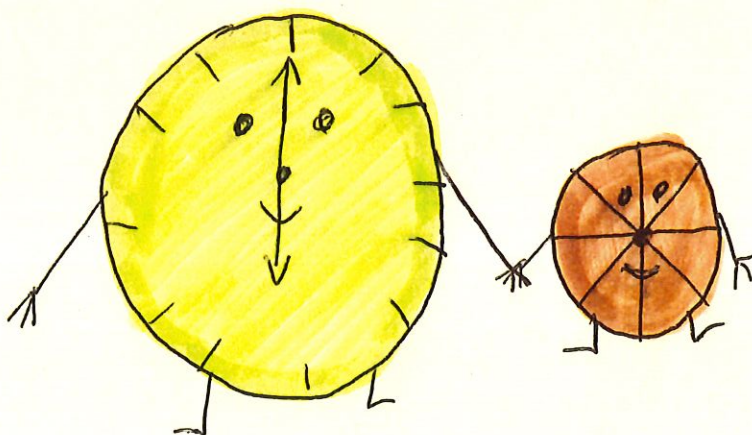
'Oh yeah I forgot about that sorry Wagon.' apologised Cookie Area.



'If circumference is diameter x pi and area is pi x R squared then what is radius?' questioned Six O'clock Diameter.



'Well Six, i'm half of you, to find the radius you have to half the diameter that why i'm half your size' answered little Wagon wheel Radius.



'Well done pupils' said Miss Pi 'you have understood the meaning of surname day so well, i'm so proud of you! Now who wants to work to work together to calculate this question'

If the diameter is 10 what's the area?

'Ok so i'm 10 so.....so we need to half it to get the radius' said Six O'clock Diameter.



'Oh yeah, ok half of ten is.....5!' said Wagon Wheel Radius. 'Now we just need to square it!'



'Can i square it,' asked Life Ring Circumference.

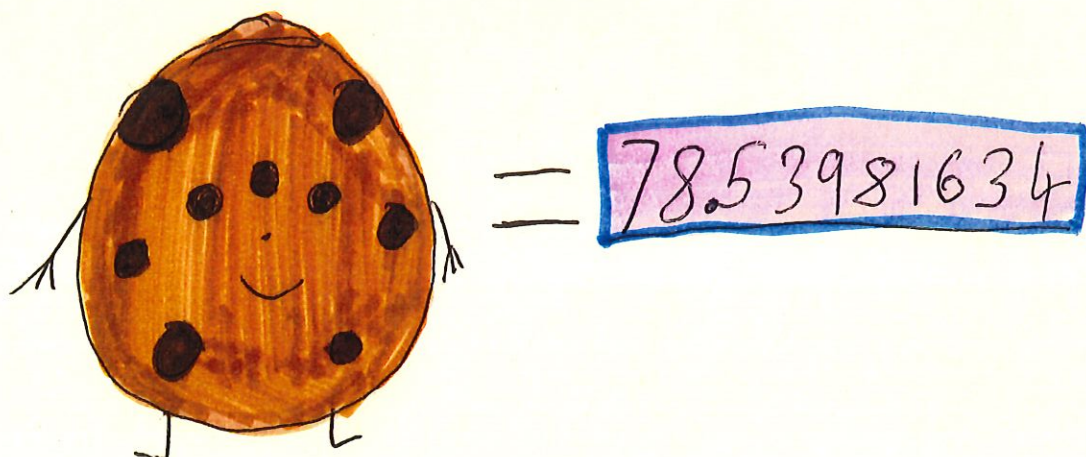
'Go ahead!' answered Wagon Wheel Radius.

'Ok 5 squared is.....25, so now we need to time it by pi.' explained Life Ring Circumference. 'Cookie area, do you want to do it?'



'Yes please, so 25 x pi is.....78.53981634!' completed Cookie Area.

'Well done students, great work!' congratulated Miss Pi.



= 78.53981634

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