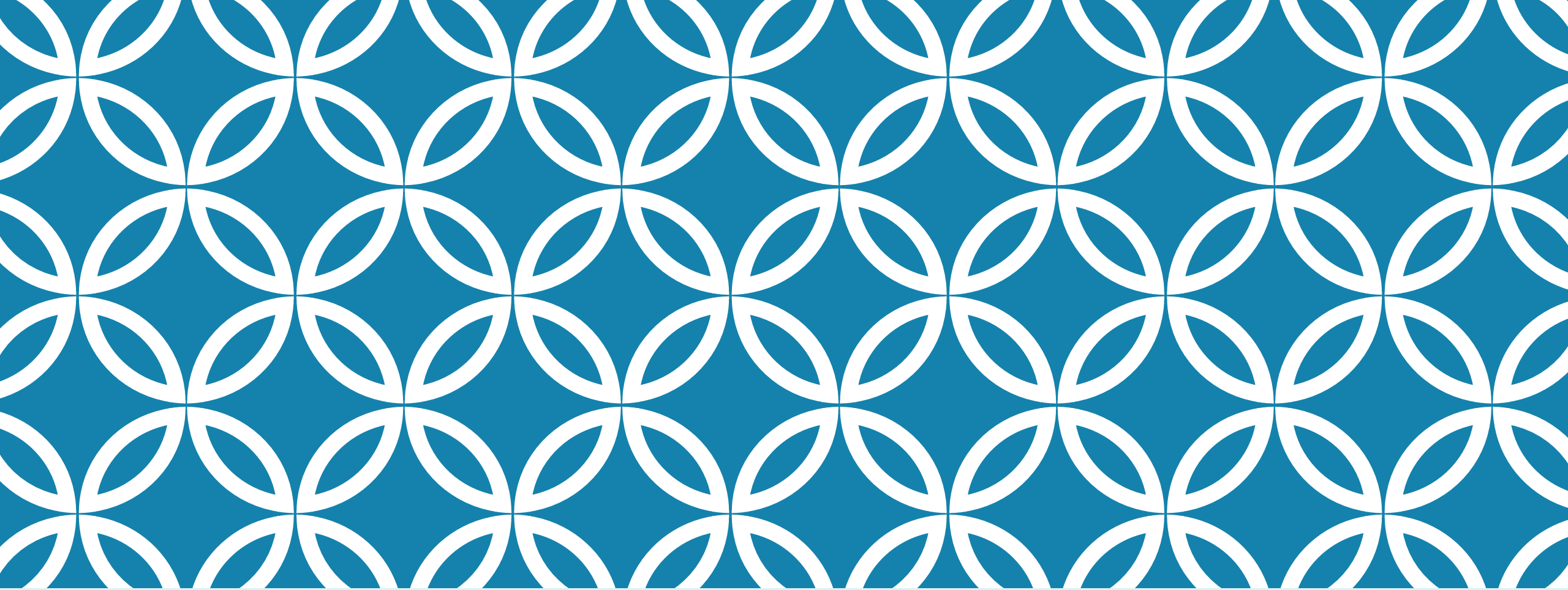
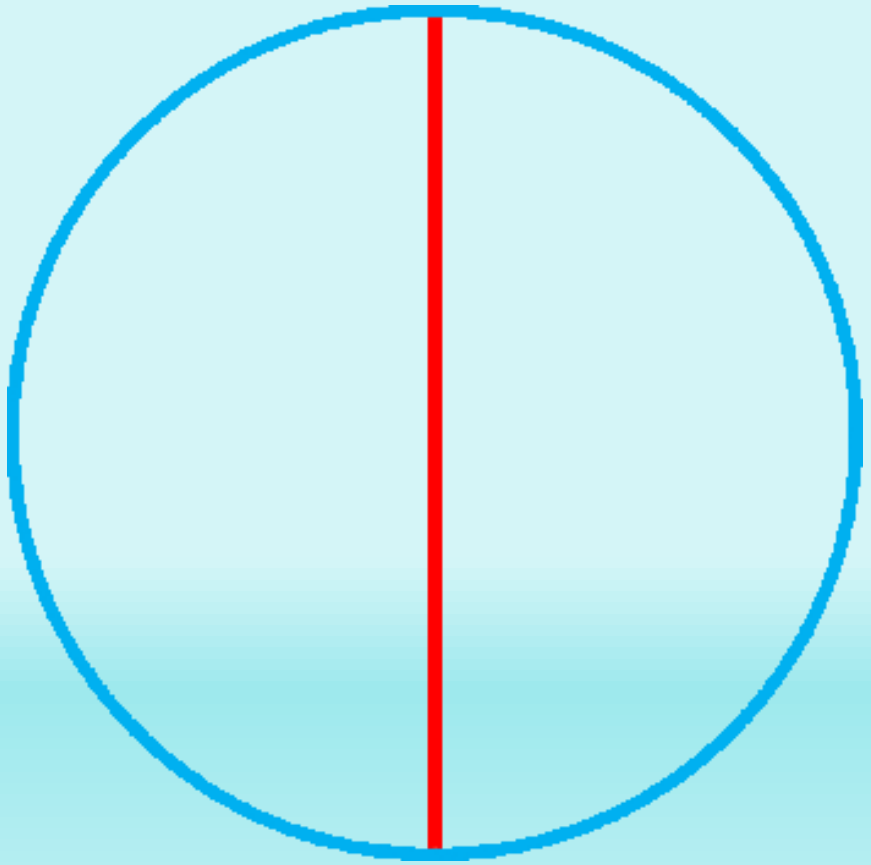
Alavi

21st Century Schools

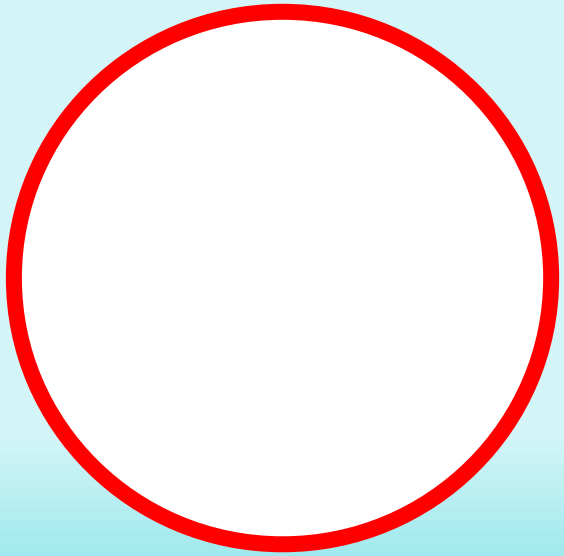


HELLO

Circle and Circumference

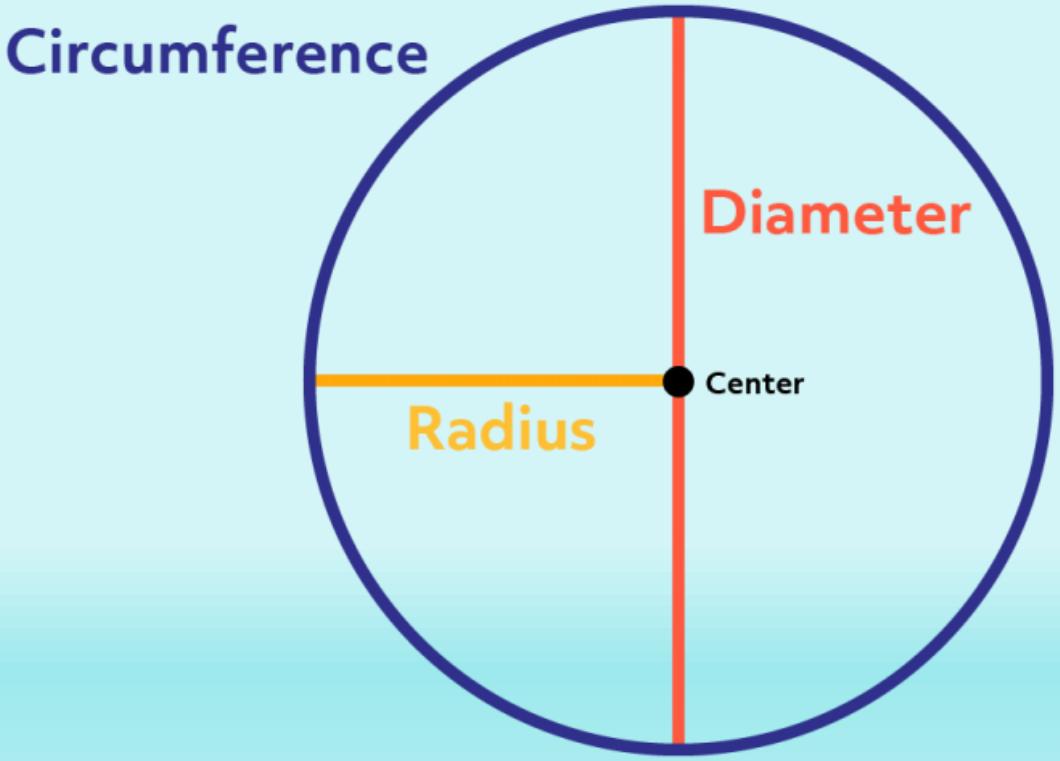


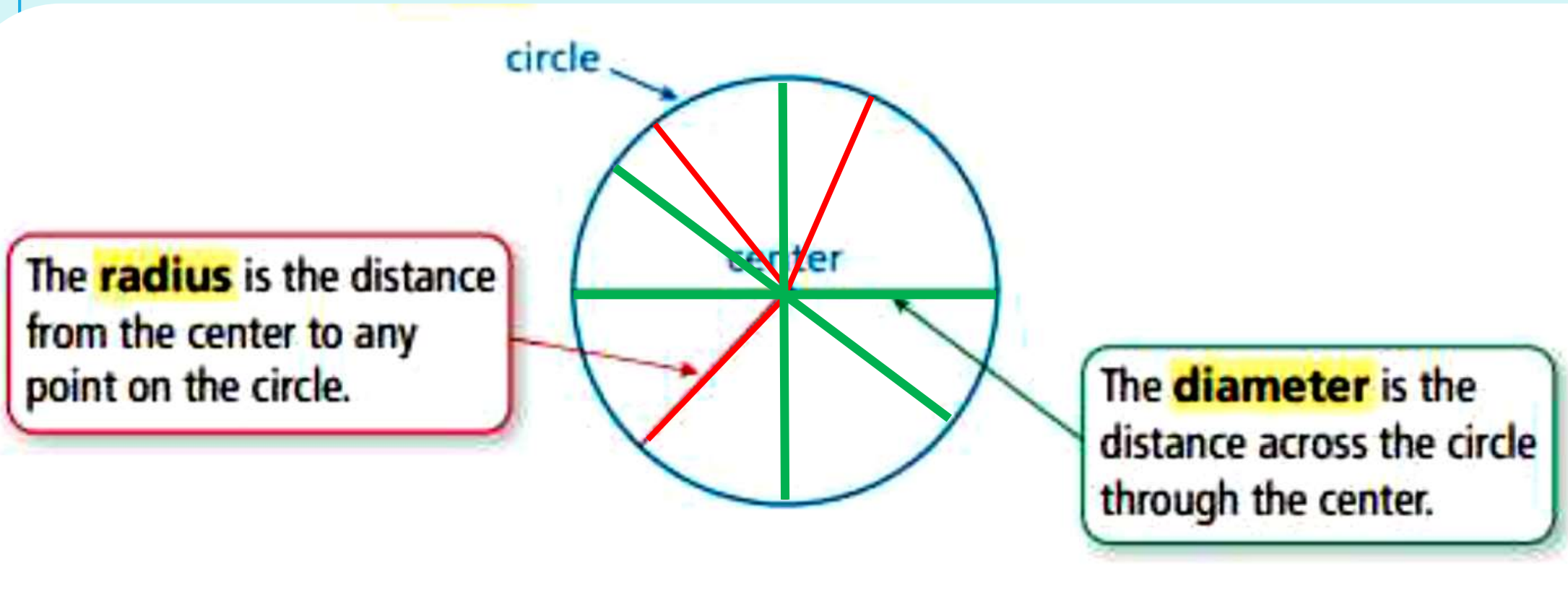
What is the circumference of a circle?



The red line is the circumference of the circle.

How can we find the circumference of a circle?




circle
center
The radius is the distance from the center to any point on the circle.
The diameter is the distance across the circle through the center.

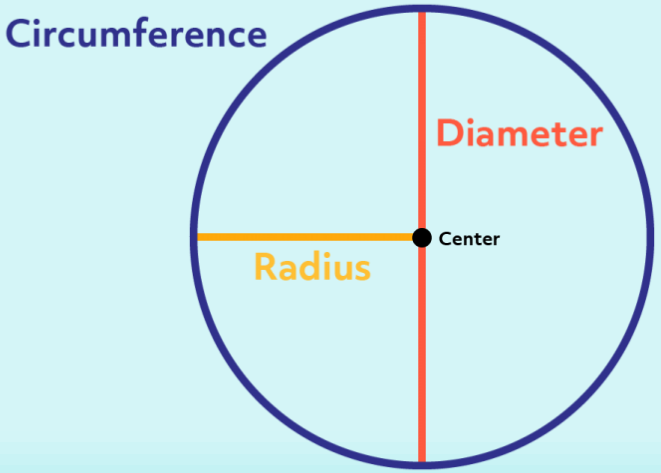
Remember :

diameter (d) is ×2 radius (r).

or

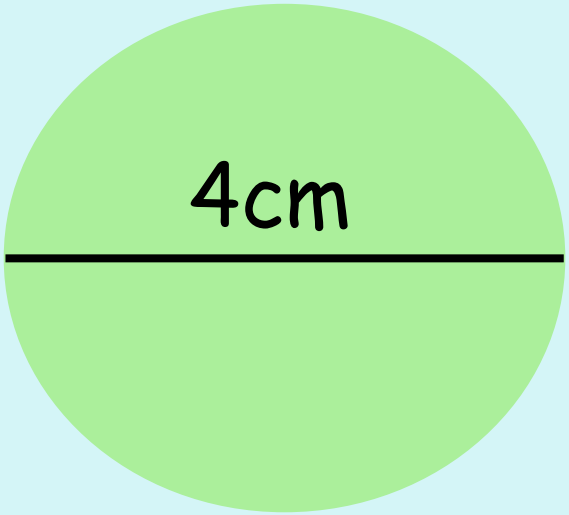
radius (r) is half ($\frac{1}{2}$) diameter (d).

How can we find the circumference of a circle?



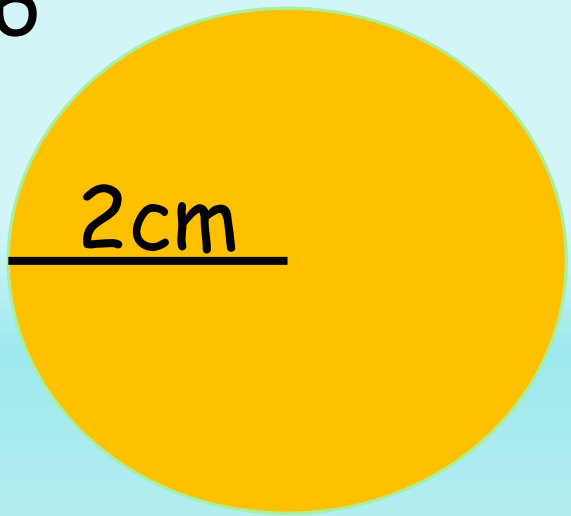
Circumference= (d × π) or (2×r × π)

Π=3.14



Circumference of green circle=$(d \times \pi)$

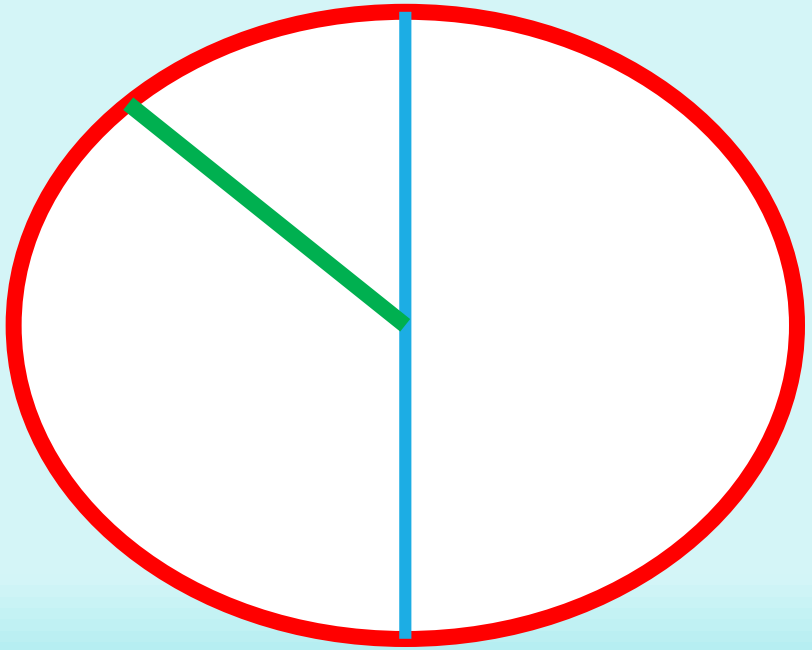
$4 \times 3.14 = 12.56$



Circumference of yellow circle= $(2 \times r \times \pi)$

$2 \times 2 \times 3.14 = 6.28$

Tell me which line shows:
a diameter/ a radius/a circumference?



Which one is correct?

1. diameter (d) is ×2 radius (r).

2. A radius(r) is ×2 diameter (d).

How can we find the circumference?

Circumference= ……

π=3.14

Thank you