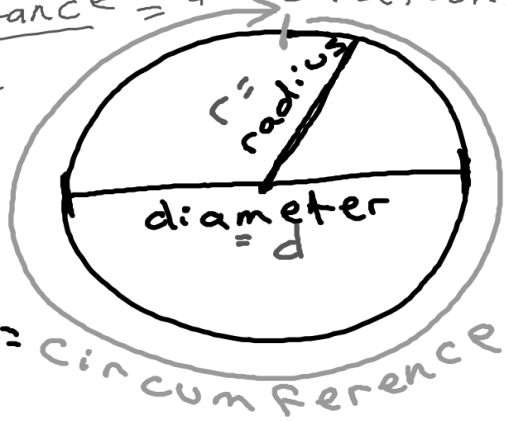
~~5 rotations~~

distance = # rotations
C



C = circumference

~~2 rotations~~

1 rot. = 1 cir.

C = circumference

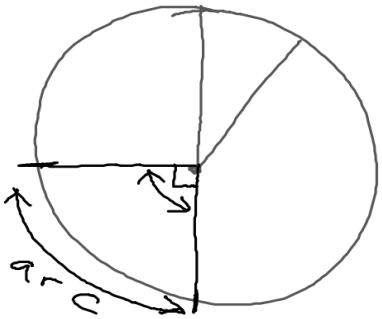
$C = d \times \pi$

$\pi = 3.14$

$= 3.14159$

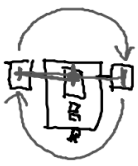
~~mm = 10~~

~~cm = 1.0~~



circle = 360°

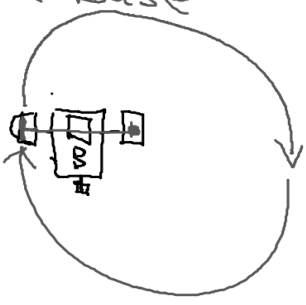
= part of circumference



W.B = Wheel Base

rotating

W.B. = dia.



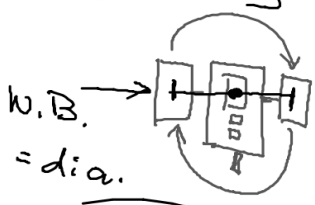
pivoting

W.B = rad.

rotations = distance to travel / C of wheel

1 rotation = circumference of wheel

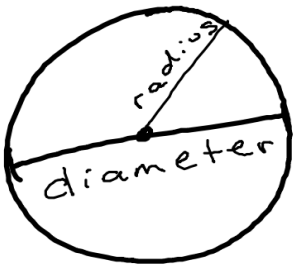
degrees = rot. x 360



360° = 1 around
= Circumference of turning circle
= distance around the circle

distance / C = $C = d \times \pi$

$= 168mm \times 3.14159 = 527.79 mm$



Wheel

$C = dia. \times \pi$

circumference of the Wheel

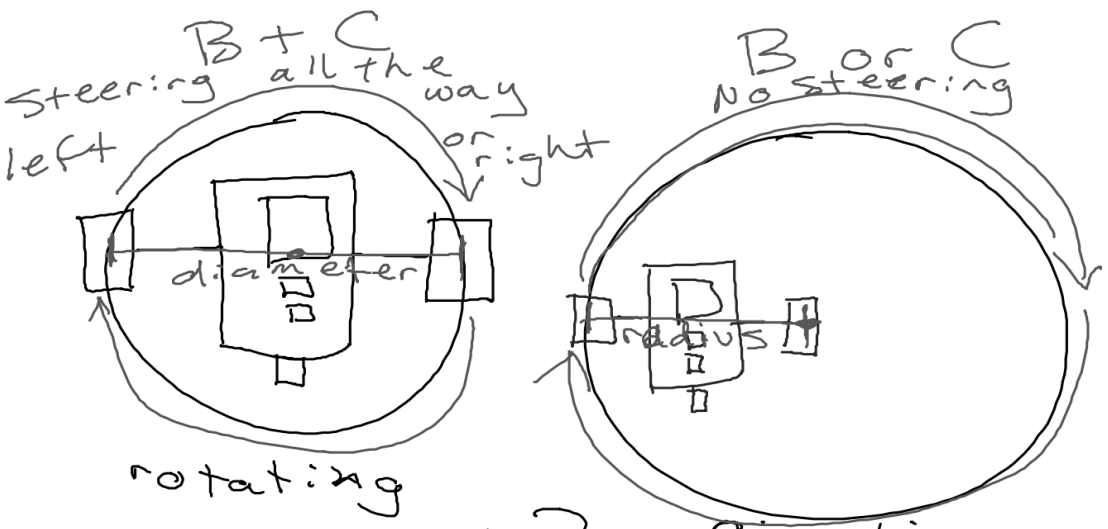
$\pi = 3.14$

$\pi = 3.14159$

56 mm dia. x 26 mm width

5.6 cm x 2.6 cm

distance / C of wheel = # rot. x 360 = # degrees



* Wheel Base = diameter

Distance around circle = circumference