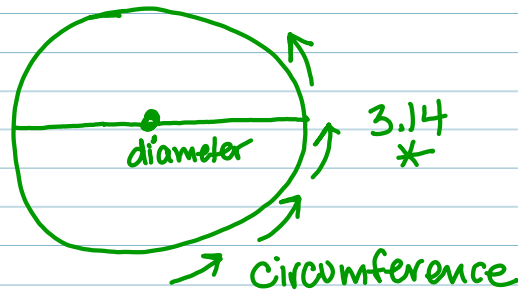


3/15 PI DAY continued



PI :  $\pi$  (16<sup>th</sup> Greek alphabet)

$\pi$  pi = ratio diameter to the circumference

$$\pi \approx 3.14$$

$$\pi \approx \frac{22}{7} = 3\frac{1}{7}$$

irrational - never terminates or repeats

$$\frac{1}{3} = .\overline{33}$$

$$\frac{1}{2} = .5$$

$$= .49494949$$

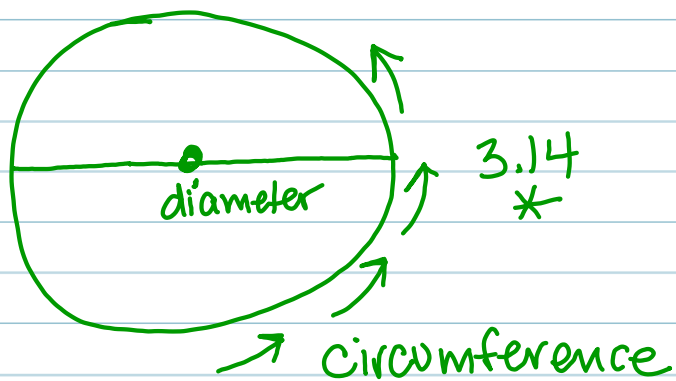
$$= .\overline{49}$$

$$.333 = .\overline{3}$$

$$= .87494949$$

$$= .87\overline{49}$$

3/15 PI DAY continued



PI :  $\pi$  (16<sup>th</sup> Greek alphabet)

$\pi$  pi = ratio diameter to the circumference

$$\pi \approx 3.14$$

$$\pi \approx \frac{22}{7} = 3\frac{1}{7}$$

irrational - never terminates or repeats

$$\frac{1}{3} = .\overline{33}$$

$$\frac{1}{2} = .5$$

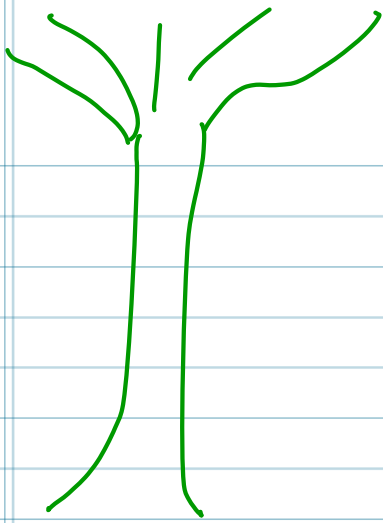
$$= .49494949$$

$$= .\overline{49}$$

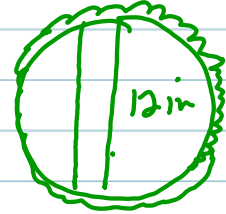
$$.333 = .\overline{3}$$

$$= .87494949$$

$$= .87\overline{49}$$



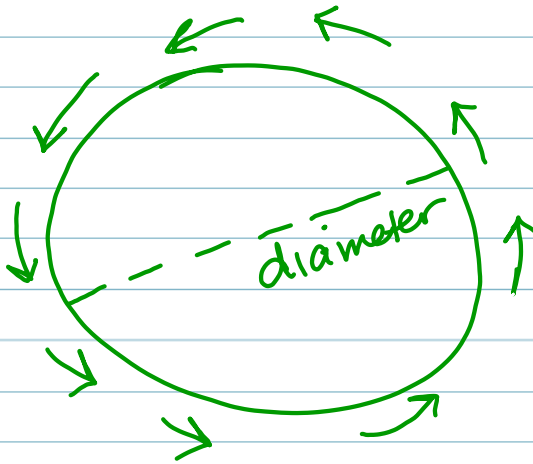
diameter -



$$C = \pi \cdot D$$

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

Moon Pie



C =  
D =

$\frac{C}{D}$   
11 1/2  
11  
11

$\frac{D}{C}$   
3  
3 1/2  
3 1/8

$\pi$   
3.14  
3.1428  
3.6