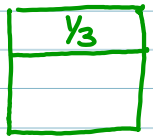
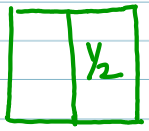
3/14 PI DAY

pi - ratio of circle's diameter to its circumference
irrational
continues (decimal place)



$.\overline{33}$

$$3\overline{)1000}\quad .333\ldots$$
9
10
9
10
9
.



.5

$$2\overline{)1.0}\quad .5$$
10

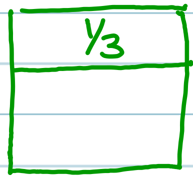
irrational

pi ≈ 3.14 ↕ ∴ 23.125

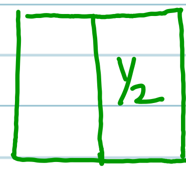
pi ≈ $\frac{22}{7}$ ↙↗ 23 1/8

3/14 PI DAY

pi - ratio of circle's diameter to its circumference
irrational
continues (decimal place)



$.\overline{33}$



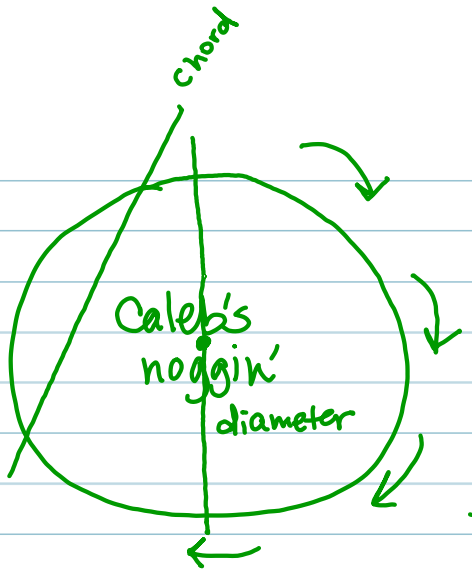
.5

$$
\begin{array}{r}
.333 \\
3\,\overline{)1.000} \\
\underline{9} \\
10 \\
\underline{9} \\
10 \\
\underline{9}
\end{array}
\qquad
\begin{array}{r}
.5 \\
2\,\overline{)1.0} \\
\underline{1\,0}
\end{array}
$$

irrational

pi ≈ 3.14 ↕ 23.125

pi ≈ $\frac{22}{7}$ ↔ 23 1/8



23⅛ or 23.125

→ circumference
(around the circle
"perimeter" of circle)

pi : ratio of circle's diameter to circumference

① Measure the circumference
② measure the diameter

$\frac{cir}{dia} = \square$

9.25
10
10 ½
8.5

$\frac{10}{3} = 3.3$

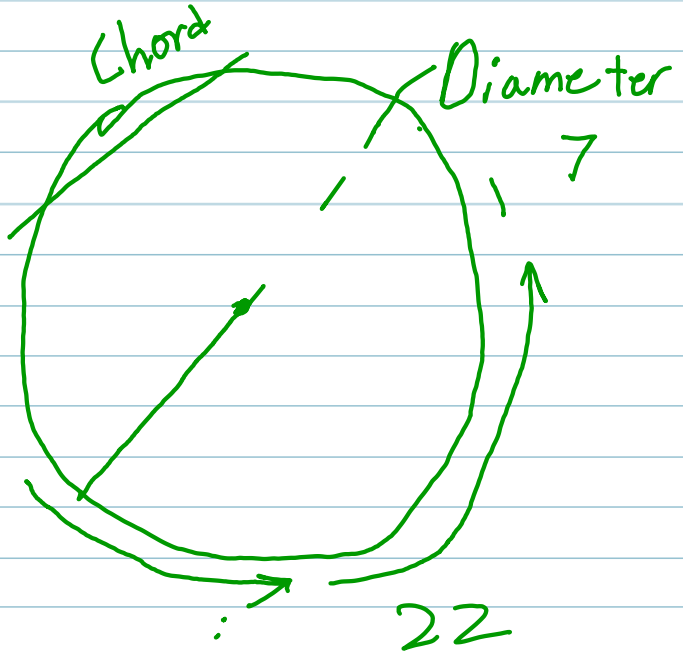
3
3
3

$\frac{22}{7} = 3.14$

3.14159265355

$\frac{22}{7}$

3.14



D
10
7
14
28
21

C
31.4
22
44
88
66

π
Pi
3.14
22
7