+/- Decimals

★ align the decimal

★ bring down decimal

★ add 0's as place holders

$$\begin{array}{r} 3.105 \\ +\ 0.210 \\ \hline 3.315 \end{array}$$

$$\begin{array}{r} 33.^{2}\cancel{3}\,{}^{11}\cancel{2}\,{}^{1}0 \\ -\ 12.251 \\ \hline 21.069 \end{array}$$

Exponent

3^{2} → exponent

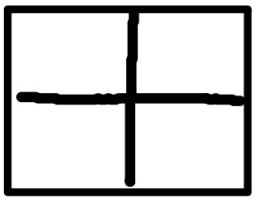
$\neq \cancel{3 \times 2}$

Base → 3×3

x^2 = "x squared"

"x to the 2nd power"

2

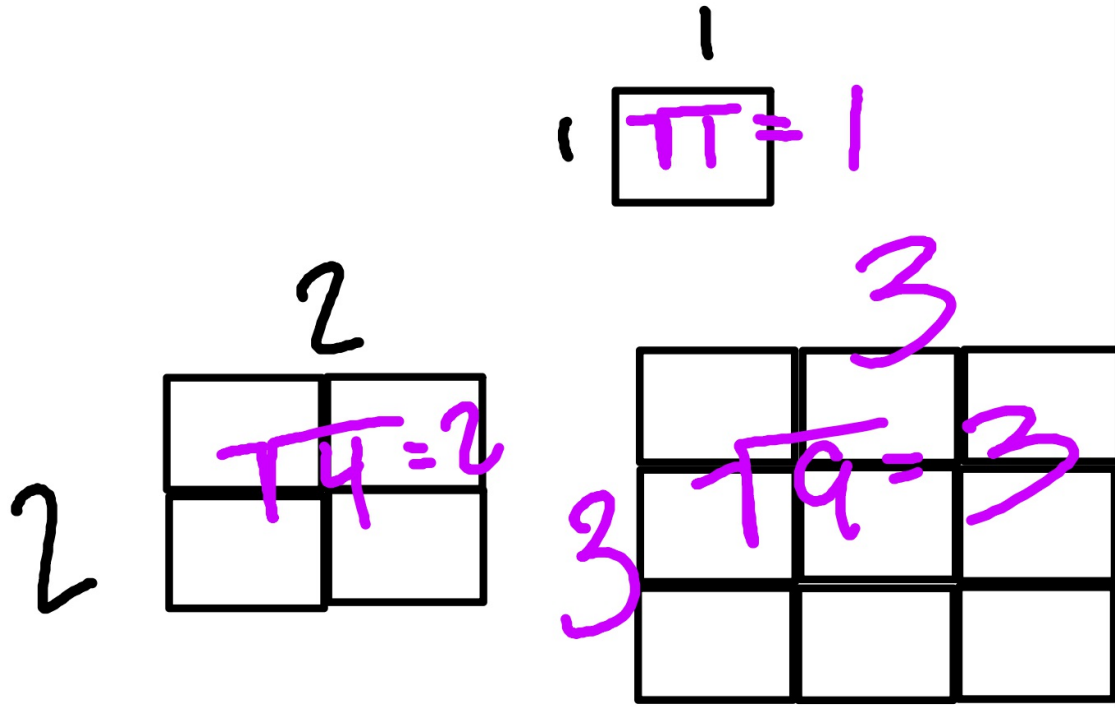


$\sqrt{}$: Square Root

what base squared gives # inside of $\sqrt{}$?

$\sqrt{16} = 4$ $\quad 4 \times 4 = 4^2$

$\sqrt{64} = 8$ $\quad 8^2$



$\sqrt{25} = 5$

$\sqrt{49} = 7$

1 x 49
7 x 7

$\sqrt{64} = 8$

1 x 64
2 x 32
4 x 16
8 x 8

L38 # cuatro-dieciocho
veintiuno, veintidos,
veinticinco,
veintiocho