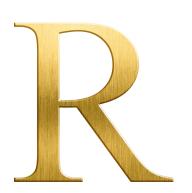
Cálculo 1 A1: Números

Jeiverson Christian

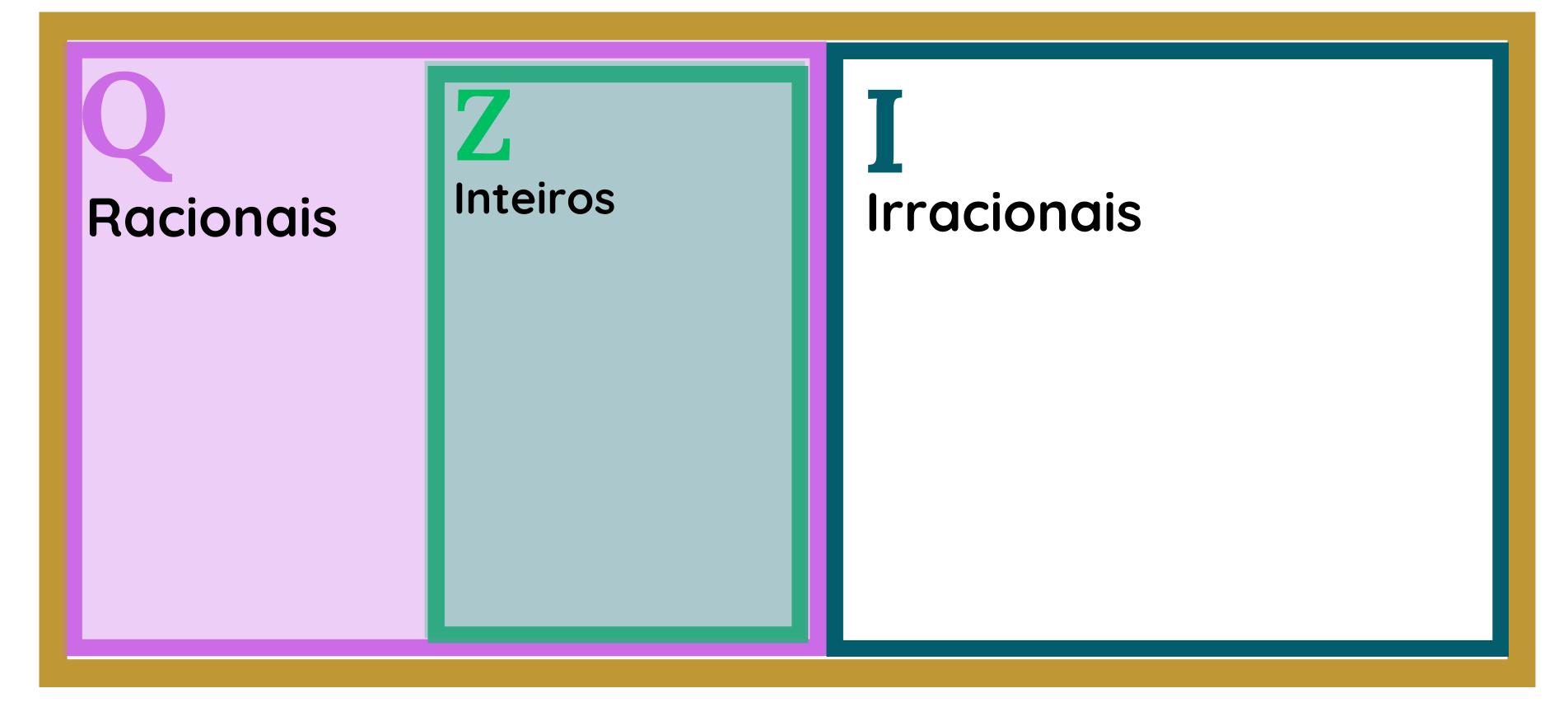


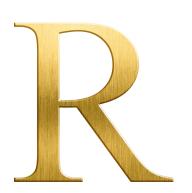


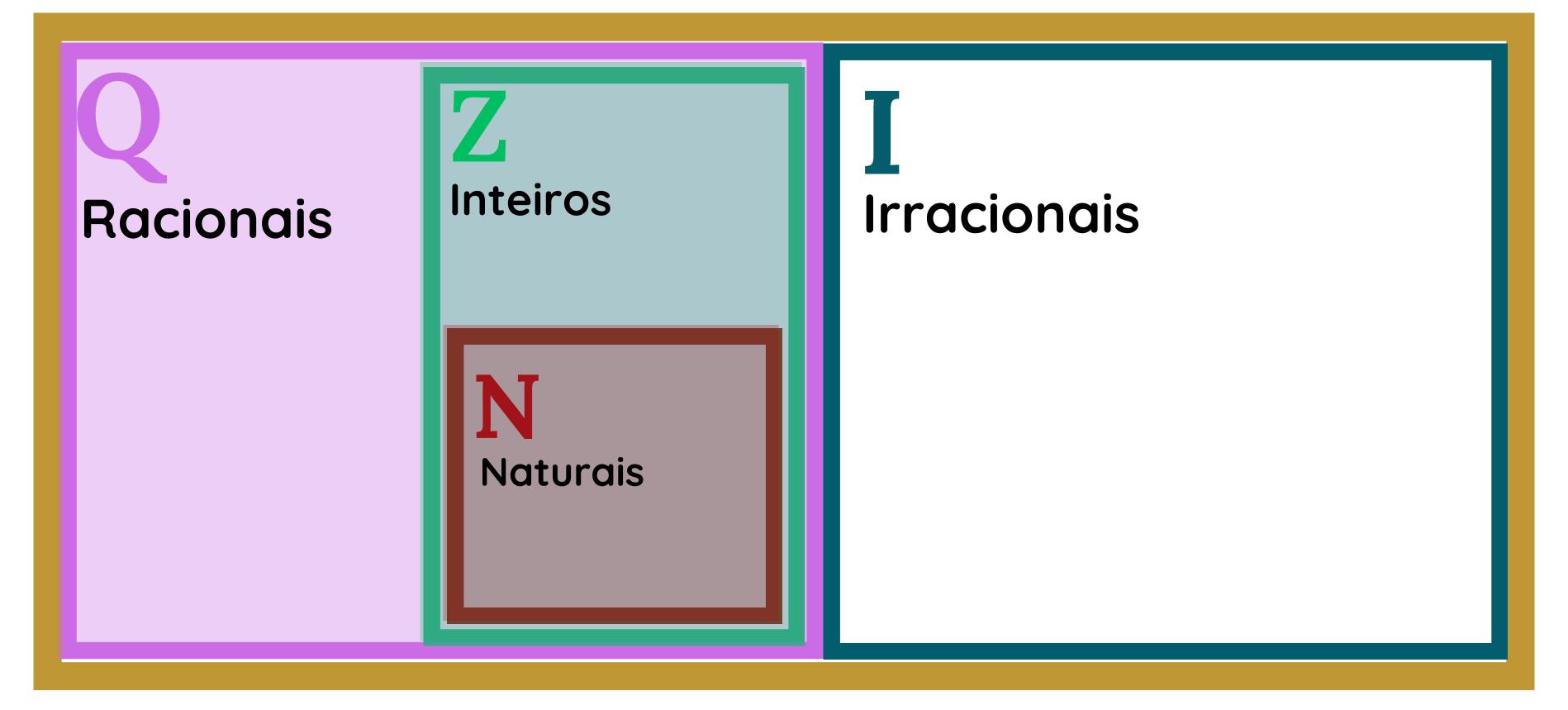
Racionais

I Irracionais

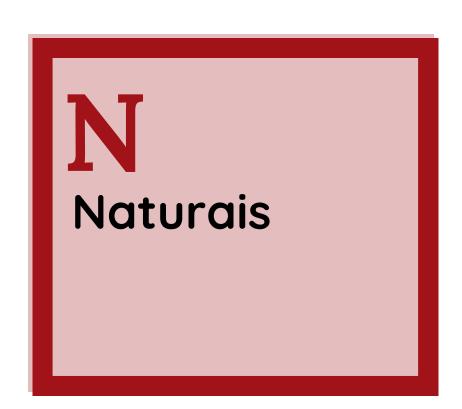








Naturais



, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13,

Naturais

, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13,

, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13,

Z Inteiros

Z Inteiros

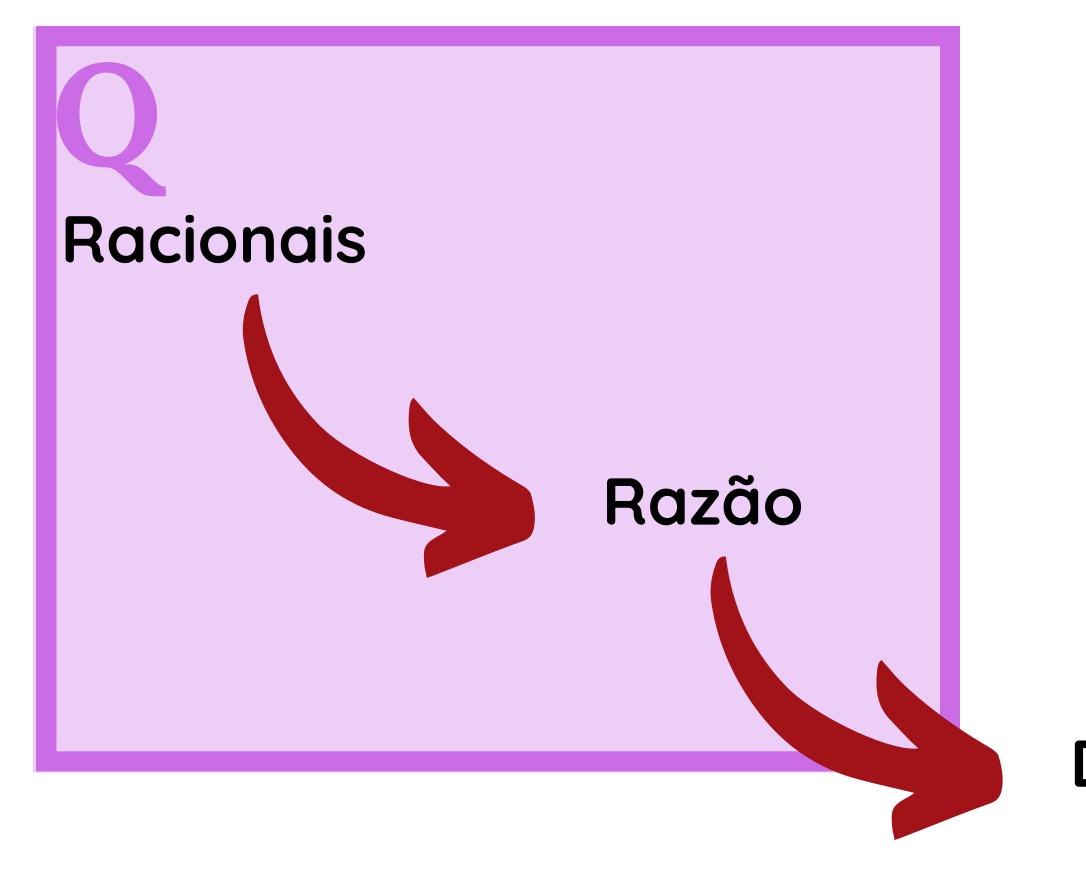
Z Inteiros

...,
$$-4$$
, -3 , -2 , -1 , 0 , $+1$, $+2$, $+3$, $+4$,

Inteiros Naturais

..., -4, -3, -2, -1, 0, +1, +2, +3, +4,





Divisão

Divisão

m

Divisão m

Exemplos:

3

Divisão

$$\frac{3}{2} = 1,5$$

Divisão

$$\frac{-1}{4} = -0.25 \frac{3}{2} = 1.5$$

Divisão

$$\frac{-9}{1} = -9$$
 $\frac{0}{5} = 0$

$$\frac{8}{2} = 4$$
 $\frac{-1}{4} = -0,25$

Divisão

$$\frac{-9}{1} = -9$$
 $\frac{0}{5} = 0$ $\frac{8}{2} = 4$ $\frac{-1}{4} = -0.25$



Naturais

Divisão

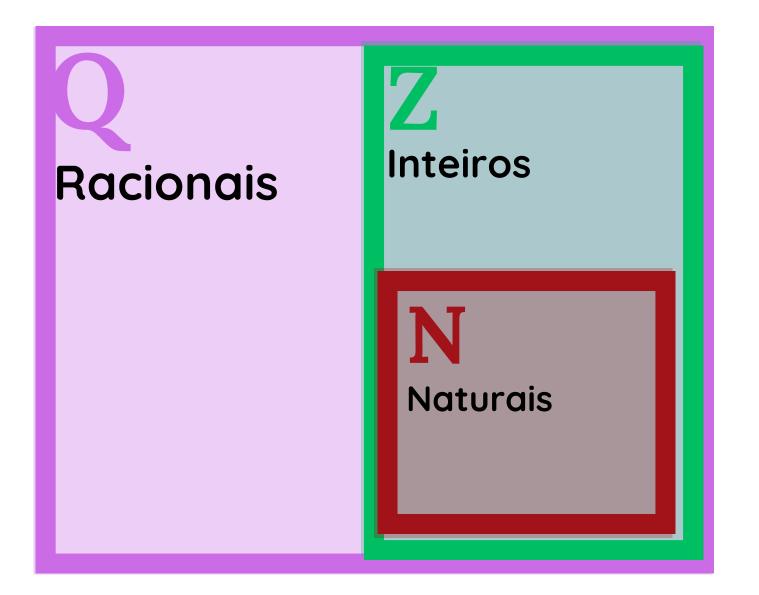
n

$$\frac{-9}{1} = -9$$

$$\frac{0}{5} = 0$$

$$\frac{8}{2} = 4$$

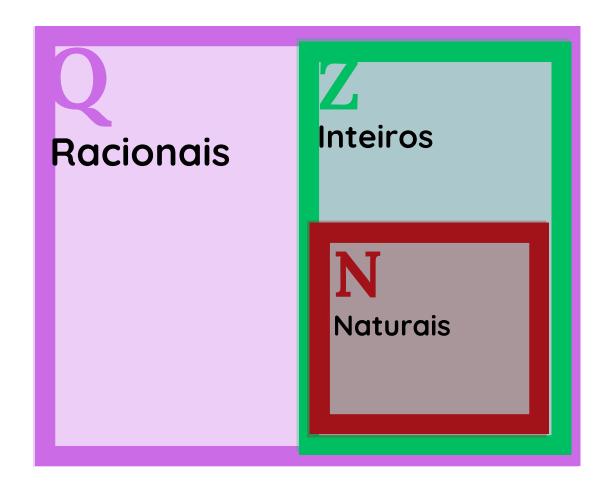
$$\frac{-1}{4} = -0,25$$



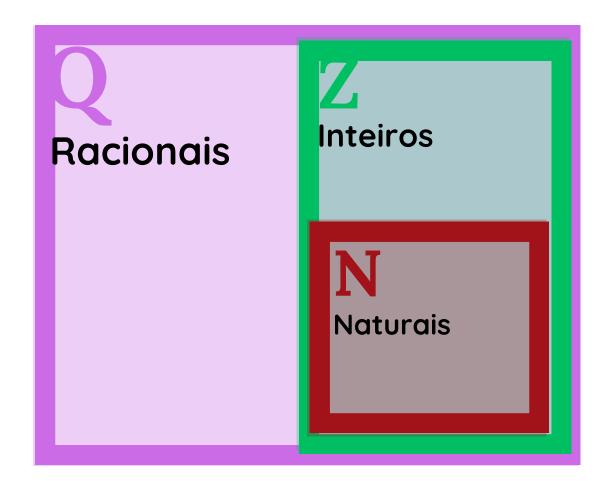
$$m = 0 \text{ ok}$$

$$\frac{0}{5} = 0$$

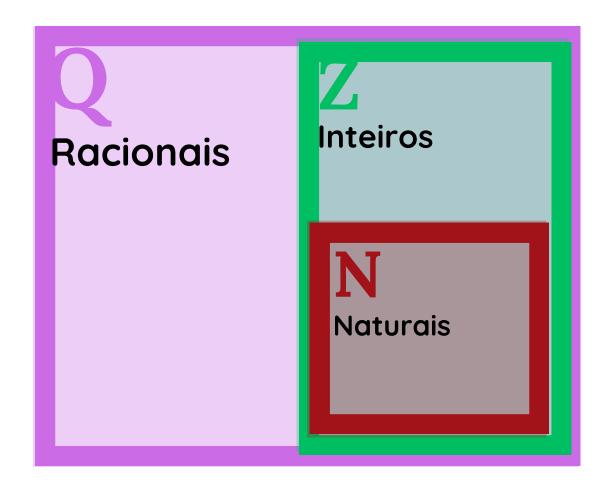
$$n = 0$$
 $\frac{5}{0}$



$$\frac{1}{2} = 0,5$$

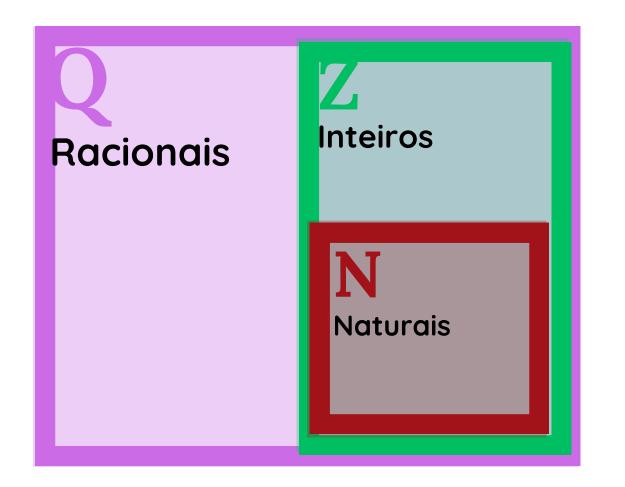


$$\frac{1}{2}$$
 = 0,50000...



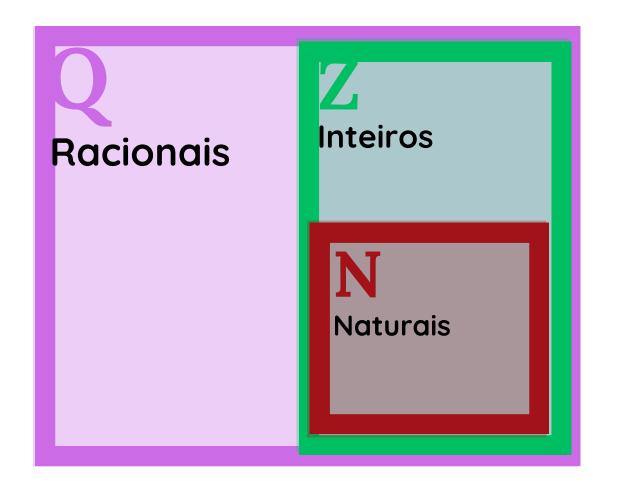
$$\frac{1}{2}$$
 = 0,500000...

$$\frac{2}{3}$$
 = 0,666666...



$$\frac{1}{2}$$
 = 0,500000...

$$\frac{2}{3}$$
 = 0,666666...

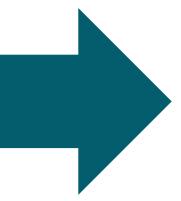


$$\frac{1}{2}$$
 = 0,500000...

$$\frac{2}{3}$$
 = 0,666666...

$$\frac{157}{495} = 0,3171717... \frac{6}{2} = 3,00000...$$

I Irracionais



Não racional.

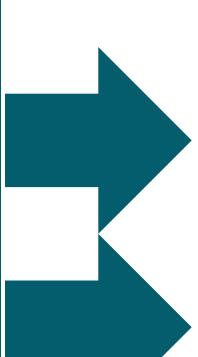
T Irracionais



Não racional.

Não pode ser a divisão de dois inteiros.

I Irracionais



Não racional.



Tem dízima não periódica.

Irracionais



Não racional.

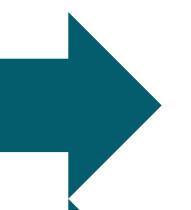
Não pode ser a divisão de dois inteiros.

Tem dízima não periódica.

$$\sqrt{2}$$
 = 1,414213562373095...

$$2 = 1,414213562373095...$$
 $T = 3,141592653589793...$

T Irracionais



Não racional.



Não pode ser a divisão de dois inteiros.

Tem dízima não periódica.

$$\sqrt{2}$$
 = 1,414213562373095...

$$log(2) = 0,3010299956639...$$

O verdadeiro valor de Pi.

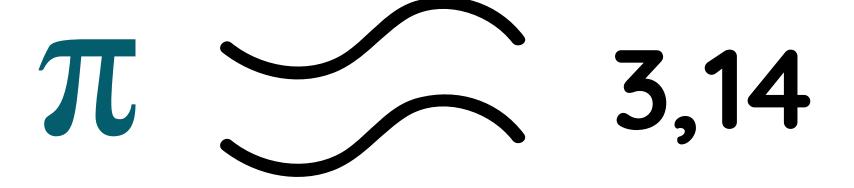
 3,14159 26535 89793 23846 26433 83279 50288 41971 69399

 37510 58209 74944 59230 78164 06286 20899 86280 34825

 34211 70679 82148 08651 32823 06647 09384 46095 50582

 23172 53594 08128 48111 74502 84102 70193 85211 05559

 64462 29489 54930 38196 44288 10975 66593 34461





The End

