$$\frac{2aq^{27}}{75} = \frac{1}{10} + 0.1$$

$$0.096$$

$$0 = 1.101010...$$

$$1000 = 110.1010...$$

$$0 = 1.0010...$$

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$$\frac{96}{990} \qquad \frac{96}{990}$$

$$C = 0,0969696...$$

$$10C = 0,969696...$$

$$1000C = 96,9696...$$

$$990 = 96$$

$$C = 96$$

$$C = 96$$

$$\frac{96}{990} \qquad \frac{96}{990}$$

99D

711

$$\alpha^2 = x e x > 0 \Rightarrow \alpha = \sqrt{x}$$

—//—

$$16) \sqrt{2-\sqrt{2}} > \frac{1}{\sqrt{2}} = \frac{\sqrt{2}}{2}$$

a proximação

$$\mathbb{E}_{3}$$
 $\times 7/\frac{10}{3} = 3,6666 \dots (F)$

② N: me dias de 1/JAN até D/M

$$N = 3/L + 28 + 3/1 + 3/0 + 31 + 2/1 = 180$$

$$29/06/2006$$

$$\frac{A-1}{4} = \frac{2006-1}{4} = \frac{2005}{4} = 501,...$$

(a)
$$S = A + N + Y$$

 $S = 2006 + 180 + 501 - 2687$

$$N = 3x + 28 + 3x + 36 + 16$$

$$92$$

$$120$$

$$\frac{1963 - 1}{4} = 490,5$$

$$5 = 1963 + 136 + 190$$

$$5 = 2589$$

(250 pessoas/ (min. portão) 1250 persons por minuto por portato - 20 minutes com 4L cada um => 64L 16 galões de álcool get Tw 6,4 L escala 10 escalas (iqual mente) recipientes 20/escola 6/44/escola = 0,32L/reci piente 20/escola

C 1

Se $a = 3.9(q \in \mathbb{Z})$ e b = 4.k, $(k \in \mathbb{Z})$, en tão ab = 3q.4.k $\Rightarrow ab = 12qk$ (v) $ab \in multiple$ de 12 el 2 el

i. ab multiplo de 6

operiproca é falsa

ab é miltiple 6 to a é mult 3 e b é mult 4

—*/*11—

 $\frac{\chi}{40} = \chi \cdot \frac{1}{40} = \chi \cdot \frac{1}{400} = \chi \cdot \frac{1}{400} \cdot \frac{25}{25} = \chi \cdot \frac{25}{1000} = \chi \cdot 0.025 =$

 $\frac{\chi}{1_{1}25} = \chi.$ $\frac{100}{125} = \chi.$ $\frac{4}{100}$ $\frac{8}{125} = \chi.$ $\frac{800}{1000} = \chi.$ $0.8 = \frac{1}{1}$

a)
$$\frac{a}{b} = a \cdot 1$$

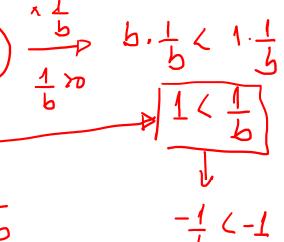
$$\begin{array}{ccc}
\alpha = -2 & \underline{\alpha} = -2 \\
b = \underline{2} & \underline{5} = -3
\end{array}$$

$$0 = -1/1$$
 $\frac{a}{b} = \frac{-1/1}{9} = -\frac{11}{9}$
 $\frac{a}{10} = -\frac{11}{9}$

$$-\frac{11}{10}\langle -\frac{11}{9}\rangle$$

$$0. = -100$$
 $0. = 4$
 100

$$\frac{Q}{b} = -\frac{100}{100} = -10000$$



$$\frac{0.4 - 1}{1.50}$$

OBS remainten, pais
$$5>0$$

2 (3 & $5>0$ \Rightarrow 2.5×3.5

2 (3 & $-5<0$ \Rightarrow $2.(-5) > 3.(-5)$

1 inverte, pais $-5<0$

$$\frac{\partial}{\partial x}, \quad x \leftarrow y \iff \alpha \times \alpha y$$

$$\alpha \leftarrow x \leftarrow y \iff \alpha \times y \Rightarrow \alpha \rightarrow y$$

$$2 \times 73 \xrightarrow{\times \frac{1}{2}} \times 73 \xrightarrow{\times \frac{1}{2}} \times 73 \xrightarrow{\times (-\frac{1}{2})} \times 73 \xrightarrow{\times (-$$