FADERO E POTENCIPEDO

a, e e 111 orto

Or on NUMBADADA

FRACOO PROPRIA

2/3 1/2 14/5 14/9 10/00

Fração Improprio

3/2, 2/1, 5/4, 10/4, 01/8, ...

FROCÓO PRONONTE

2/4/3/6/1/20/5/15/10

FADCOU EQUIVALE

 $1/2 = \frac{1}{2} \cdot \frac{3}{3} = \frac{3}{6}$

SOMO OLGEBRICA DE FROÇOSS a, e, d & In; x, d \$0

 $\frac{c}{c} + \frac{dc}{d} = \frac{c}{cd} = \frac{dc}{dc}$

$$\frac{7}{3} + \frac{2}{5} = \frac{7.5}{5.5} + \frac{2.3}{5.3} = \frac{3.5}{15} + \frac{6}{15} = \frac{41}{15}$$
 [tilibra]

MULTIPLICACOO DO FRAÇÕES $a, e, c, d \in In \quad CCM \quad c, d \neq O$ $a \cdot e = o \cdot e$ $c \cdot d \quad c \cdot d$ $1 \cdot 3 = 3$ $2 \cdot 5 \cdot 10$

Divisor DE Fraccoss $a, e, c, d \in IN$; $e, c, d \neq 0$ e = 0; e = 0;

POTONCIDEDO $\alpha \in IN$ J $m \in IN$ $\alpha^m = \alpha \cdot c \cdot c$ α m vozos $\{\alpha \quad \text{if } \alpha \quad \text{if } \beta \text{if }$

 $e^{0} = 1$ $\alpha' = \alpha$ $\alpha^{-n} = \frac{1}{n}$ $(\alpha)^{n} = \frac{\alpha^{n}}{n}$ $(\alpha)^{n} = \frac{\alpha^{n}}{n}$ $(\alpha)^{n} = \frac{\alpha^{n}}{n}$

$$\frac{(\alpha \cdot b)^{n} = \alpha^{n} \cdot b^{n}}{\alpha^{m}} = \alpha^{n \cdot m} \quad \text{at } 0$$

$$\frac{\alpha^{n}}{\alpha^{m}} = \alpha^{m \cdot m}$$

nonicio coo

a - radiació Tam = am/n
n - india
a - raig
T - radial

a Te + cTe = (a+c) Te

 $\nabla a \cdot \nabla a = \nabla a \cdot a$ $(\nabla a) = \nabla a^{m}$

* a e In ? a m/m e In?

 $(-2)^{3/2} = 2\sqrt{(-2)^3} = \sqrt{-9} \notin 17$

(9) "3 = J-8 = -2 E 17