

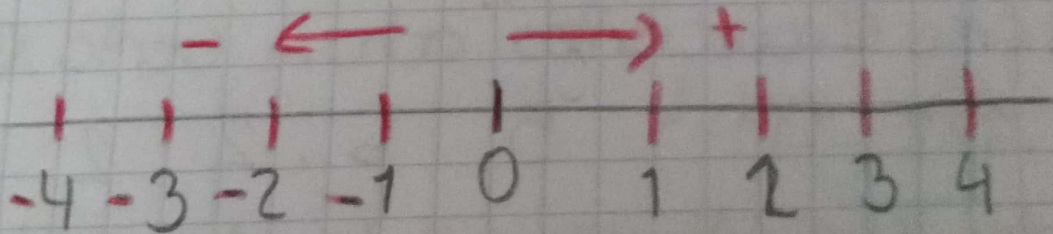
Potenciación

$$3^3 = 3 \times 3 \times 3 = 27$$

$$4^4 = 4 \times 4 \times 4 \times 4 = 256$$

$$6^6 = 6 \times 6 \times 6 \times 6 \times 6 \times 6 = 46656$$

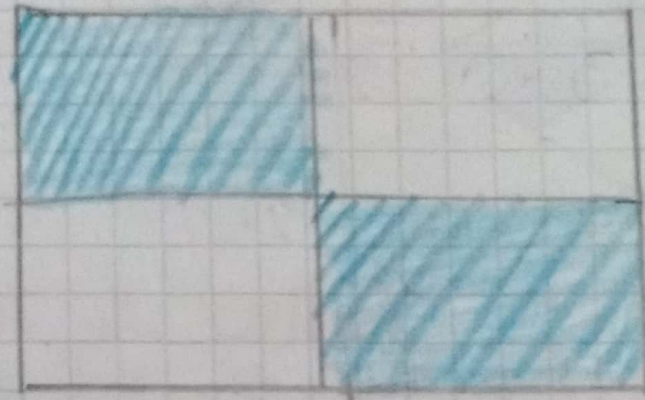
Potenciación con números negativos



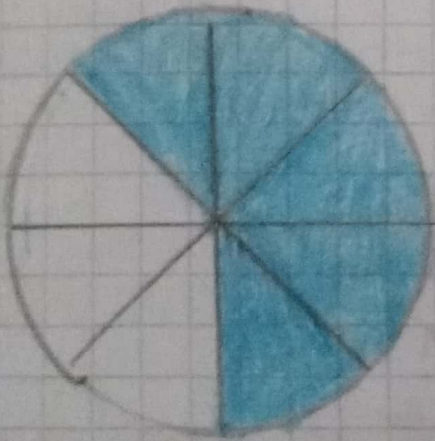
$$(-7)^3 = (-7) \times (-7) \times (-7) = -343$$

$$(-2)^2 = (-2) \times (-2) = +4$$

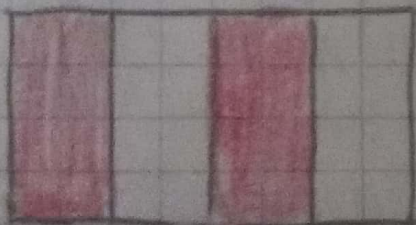
fracciones



$$\frac{2}{4}$$



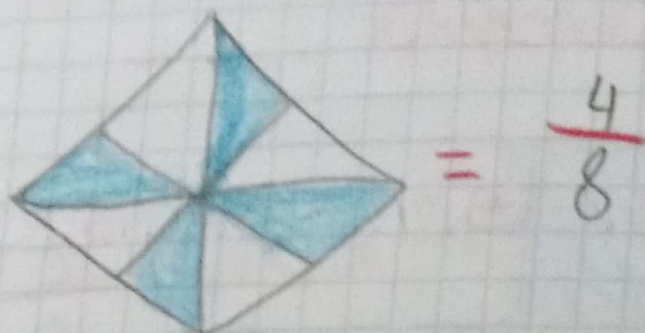
$$\frac{5}{8}$$



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



$$= \frac{1}{2}$$



Taller de repaso

1 Resuelve

a Determinar el valor del 3 en cada número

a- $25.317.008 = 3 \text{ mil}$

B- $37.851 = 3 \text{ Millon}$

C- $305.427.687 = 3 \text{ millon}$

D- $30.650.892 = 3 \text{ millon}$

B. Escribe cada número a partir de sus valores posicionales

a- $8 \text{ dM}, 4 \text{ uM}, 3 \text{ dm}, 5 \text{ um}, 6 \text{ c}, 7 \text{ d}, 8 \text{ u}$
84.

B- $3 \text{ dM}, 4 \text{ uM}, 9 \text{ cm}, 8 \text{ dm}, 8 \text{ m}, 6 \text{ c}, 5 \text{ d}, 4 \text{ u}$
34.988.654

c 7 uM, 1 cm, 2 dm, 3 um, 2 c, 3 d, 4 u

7, 123, 234

d 3 cM, 9 uM, 8 cm, 6 dm, 7 um, 4 c, 6 d, 4 u

2 Resuelve

$$a (-2)^4 = (-2) \times (-2) \times (-2) \times (-2) = +16$$

$$b (+3)^3 = (+3) \times (+3) \times (+3) = +27$$

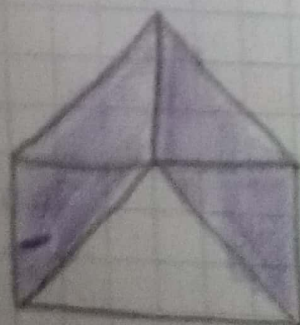
$$c (-4)^2 = (4) \times (-4) = -16$$

$$d (-5)^3 = (-5) \times (-5) \times (-5) = -125$$

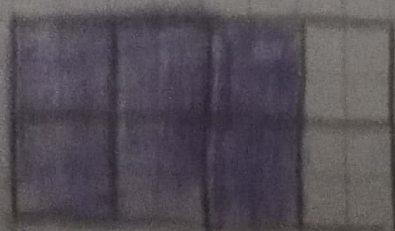
3 Escribe la fracción según corresponda



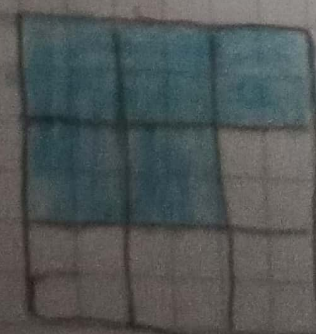
$$\frac{1}{4}$$



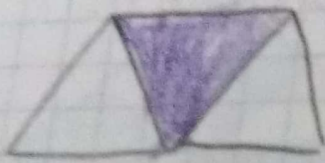
$$\frac{4}{5}$$



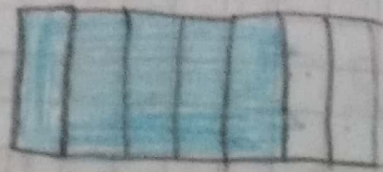
$$\frac{6}{8}$$



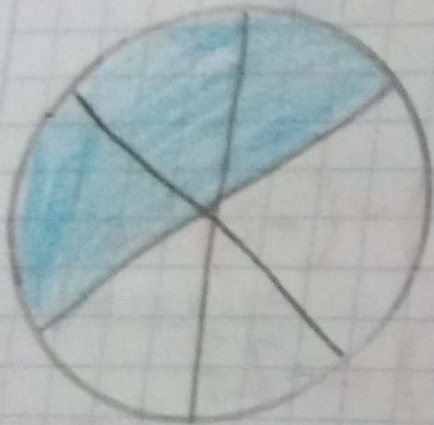
$$\frac{5}{10}$$



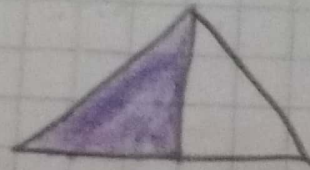
$$\frac{1}{3}$$



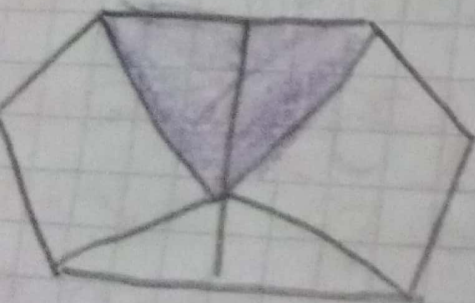
$$\frac{5}{7}$$



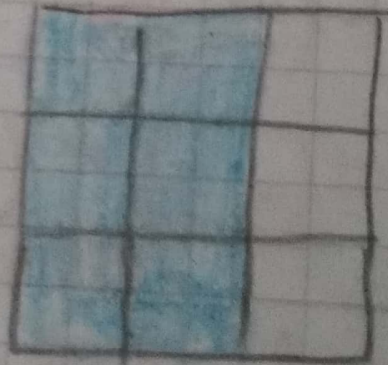
$$\frac{3}{7}$$



$$\frac{1}{2}$$



$$\frac{2}{6}$$



$$\frac{6}{9}$$

suma de fracciones

11/03/2023

igual denominador

$$\frac{1}{3} + \frac{5}{3} = \frac{2 \cdot 5}{3} = \frac{7}{3}$$

diferente denominador

$$\frac{3}{7} + \frac{2}{5} = \frac{15 \cdot 14}{35} = \frac{29}{35}$$

mcm

Ejercicios

$$1 \quad \frac{8}{4} + \frac{5}{4} + \frac{2}{4} = \frac{8 \cdot 5}{4} = \frac{13 \cdot 2}{4} = \frac{15}{4}$$

$$2 \quad \left(\frac{3}{6} + \frac{5}{12} \right) + \frac{4}{5} = \frac{8 \cdot 15}{60} = \frac{91}{60}$$

Ejercicios

1 Calcula las sumas y diferencias

$$a \quad \frac{4}{6} + \frac{5}{8} = \frac{32}{48} + \frac{30}{48} = \frac{960}{48}$$

$$b \quad \frac{5}{3} + \frac{7}{5} = \frac{25}{15} + \frac{21}{15} = \frac{525}{15}$$

$$c \quad \frac{1}{15} + \frac{4}{7} + \frac{3}{5} = \frac{3}{45} + \frac{70}{45} + \frac{27}{45} = \frac{80}{45}$$

$$d \quad \frac{3}{10} + \frac{5}{12} + \frac{4}{5} = \frac{18}{60} + \frac{25}{60} + \frac{48}{60} = \frac{91}{60}$$

$$e \quad \frac{5}{6} - \frac{7}{9} = \frac{45}{54} - \frac{42}{54} = \frac{3}{54}$$

$$f \quad \frac{11}{10} - \frac{5}{6} = \frac{61}{60} - \frac{50}{60} = \frac{11}{60}$$

2 Completa cada operación para que las expresiones sean correctas

$$a \quad \frac{4}{2} + \frac{3}{2} = \frac{7}{2}$$

$$b \quad \frac{5}{9} + \frac{8}{9} = \frac{13}{9}$$

$$c \quad \frac{7}{5} + \frac{3}{2} = \frac{29}{10} = 2 + \frac{9}{10}$$

$$d \quad \frac{13}{7} + \frac{1}{4} = \frac{45}{28} = 1 + \frac{17}{28}$$