

## Conectim de l'interrogatim.

exco 1

$$A = \frac{3}{4} - \frac{7 \times 1}{4 \times 7 \times 2}$$

$$B = \frac{1}{4} + \frac{1}{6} - \frac{1}{8}$$

$$C = \frac{\frac{6}{3} - \frac{1}{3}}{\frac{6}{3} + \frac{1}{3}}$$

$$A = \frac{3}{4} - \frac{1}{8}$$

$$B = \frac{6}{24} + \frac{4}{24} - \frac{3}{24}$$

$$C = \frac{\frac{5}{3}}{\frac{7}{3}}$$

$$A = \frac{6}{8} - \frac{1}{8}$$

$$B = \frac{7}{24}$$

$$C = \frac{5}{3} \times \frac{3}{7}$$

$$A = \frac{5}{8}$$

$$C = \frac{5}{7}$$

exco 2

1.  $D = 1,200301 \times 10^4$

$$E = 1,023 \times 10^{-3}$$

$$F = \frac{5 \times 35}{7} \times \frac{10^4 \times 10^{-6}}{10^{12}}$$

$$F = \frac{5 \times 5 \times 7}{7} \times \frac{10^{-2}}{10^{12}}$$

$$F = 25 \times 10^{-14}$$

$$F = 2,5 \times 10^{-13}$$

2.  $G = \frac{2^3 \times 10^6 \times 10^{-8} \times 10^6}{4^2 \times 10^{16}}$

$$G = \frac{8}{16} \times \frac{10^4}{10^{16}}$$

$$G = \frac{2 \times 1}{2 \times 8} \times 10^{-12}$$

$$G = \frac{1}{2} \times 10^{-12}$$

$$G = 0,5 \times 10^{-12}$$

$$G = 5 \times 10^{-13}$$

exco 3

par  $x = 4$

$$A = 4^2 - 2 \times 4 + 3$$

$$A = 16 - 8 + 3$$

$$A = 11$$

par  $x = \frac{1}{3}$

$$A = \left(\frac{1}{3}\right)^2 - 2 \times \frac{1}{3} + 3$$

$$A = \frac{1}{9} - \frac{2}{3} + 3$$

$$A = \frac{1}{9} - \frac{6}{9} + \frac{27}{9}$$

$$A = \frac{22}{9}$$

par  $x = -\frac{1}{2}$

$$A = \left(-\frac{1}{2}\right)^2 - 2 \times \left(-\frac{1}{2}\right) + 3$$

$$A = \frac{1}{4} + 1 + 3$$

$$A = \frac{1}{4} + 4$$

$$A = \frac{1}{4} + \frac{16}{4}$$

$$A = \frac{17}{4}$$

exo 4

$$1^{\text{er}}: \frac{2}{5} \quad 2^{\text{e}}: \frac{3}{10} \quad 3^{\text{e}}: \frac{1}{4}$$

$$\begin{aligned} \frac{2}{5} + \frac{3}{10} + \frac{1}{4} &= \frac{2 \times 4}{5 \times 4} + \frac{3 \times 2}{10 \times 2} + \frac{1 \times 5}{4 \times 5} \\ &= \frac{8}{20} + \frac{6}{20} + \frac{5}{20} \\ &= \frac{19}{20} < 1 \end{aligned}$$

Donc on peut stocker dans une seule case.

exo 5

$$1. 360 = 3000 \text{ No}$$

$$3000 \div 4 = 750 \text{ morceaux de musique.}$$

2.

stockage (en No)	10	x
temps (en s)	1	120

$$x = \frac{10 \times 120}{1} = 1200 \text{ No.}$$

$$1200 \div 4 = 300 \text{ morceaux.}$$