

EXERCICE 1

Sachant que : $a = -\frac{3}{2}$ **et** $b = \frac{1}{4}$

Calculer : $A = a + b$; $B = a - b$; $C = a \times b$

$$D = \frac{a}{b} ; E = -\frac{1}{2}a + \frac{4}{3}b$$

$$F = a : \frac{5}{6} + b ; G = ab + a - b ; H = \frac{a-b}{a+b}$$

$$I = \frac{2-ab}{a-3b} ; J = \frac{2a}{b}(-a + 5b) - \frac{2}{b}$$

EXERCICE 2

$$X = \frac{3 - \frac{9}{11}}{3} + \frac{-2}{\frac{1}{2} - \frac{-3}{5}} - 1$$

$$Y = \frac{2 - \frac{3}{8}}{\frac{1}{4} - 3} \times \frac{\frac{3}{2} - 1}{1 + \frac{4}{6}}$$

$$Z = \frac{1 + \frac{-11}{15}}{0,1 - \frac{4}{5}} \times \frac{1 - \frac{7}{2}}{\frac{1}{20} + \frac{4}{5}} \times \frac{-2}{\frac{12}{5}}$$