

Effectuer des calculs de fractions

$$A = \frac{5}{4} + \frac{6}{16}$$

$$B = \frac{5}{3} - \frac{6}{5}$$

$$C = \frac{2}{-3} \times \frac{-5}{11}$$

$$D = \frac{3}{4} : \frac{-5}{8}$$

$$E = \frac{8}{7} - \frac{4}{7} \times \frac{5}{3}$$

Correction

$$\begin{aligned} A &= \frac{5}{4} + \frac{6}{16} \\ &= \frac{5 \times 4}{4 \times 4} + \frac{6}{16} \\ &= \frac{20}{16} + \frac{6}{16} \\ &= \frac{20 + 6}{16} \\ &= \frac{26}{16} \\ &= \frac{13}{8} \end{aligned}$$

$$\begin{aligned} B &= \frac{5}{3} - \frac{6}{5} \\ &= \frac{5 \times 5}{3 \times 5} - \frac{6 \times 3}{5 \times 3} \\ &= \frac{25}{15} - \frac{18}{15} \\ &= \frac{25 - 18}{15} \\ &= \frac{7}{15} \end{aligned}$$

$$\begin{aligned} C &= \frac{2}{-3} \times \frac{-5}{11} \\ &= \frac{2 \times (-5)}{(-3) \times 11} \\ &= \frac{-10}{-33} \\ &= \frac{10}{33} \end{aligned}$$

$$\begin{aligned} D &= \frac{3}{4} : \frac{-5}{8} \\ &= \frac{3}{4} \times \frac{8}{-5} \\ &= \frac{24}{-20} \\ &= -\frac{6}{5} \end{aligned}$$

$$\begin{aligned} E &= \frac{8}{7} - \frac{4}{7} \times \frac{5}{3} \\ &= \frac{8}{7} - \frac{20}{21} \\ &= \frac{24}{21} - \frac{20}{21} \\ &= \frac{4}{21} \end{aligned}$$