

FC 2 : Piloter un calcul (2)

TI Collège™ Plus

- Effectuer les calculs suivants en indiquant toutes les étapes.
- Vérifier la réponse avec la calculatrice.

$$A = \frac{\frac{5}{7}}{\frac{10}{3}}$$

$$A = \frac{5}{7} \div \frac{10}{3} \dots\dots\dots A = \frac{5}{7} \times \frac{3}{10} \dots\dots\dots$$

$$A = \frac{15}{70} \dots\dots\dots$$

$$A = \frac{3}{14} \dots\dots\dots$$

Calculatrice :

$\left[\frac{n}{d}\right] \left[\frac{n}{d}\right] 5 \left[\div\right] 7 \left[\div\right] \left[\frac{n}{d}\right] 10 \left[\div\right] 3 \left[\text{entrer}\right] \dots\dots\dots$

$$B = \frac{\frac{2}{7}}{-8}$$

$$B = \frac{2}{7} \div (-8) \dots\dots\dots B = \frac{2}{7} \times \frac{1}{-8} \dots\dots\dots$$

$$B = \frac{2}{-56} \dots\dots\dots$$

$$B = -\frac{1}{28} \dots\dots\dots$$

Calculatrice :

$\left[\frac{n}{d}\right] \left[\frac{n}{d}\right] 2 \left[\div\right] 7 \left[\div\right] \left[(-)\right] 8 \left[\text{entrer}\right] \dots\dots\dots$

$$C = \frac{\frac{2}{3}}{-10}$$

$$C = 2 \div \frac{3}{-10} \dots\dots\dots C = 2 \times \frac{-10}{3} \dots\dots\dots$$

$$C = \frac{-20}{3} \dots\dots\dots$$

$$C = -\frac{20}{3} \dots\dots\dots$$

Calculatrice :

$\left[\frac{n}{d}\right] 2 \left[\div\right] \left[\frac{n}{d}\right] 3 \left[\div\right] \left[(-)\right] 10 \left[\text{entrer}\right] \dots\dots\dots$

$$D = \frac{\frac{28}{-30}}{\frac{21}{15}}$$

$$D = \frac{28}{-30} \div \left(-\frac{21}{15}\right) \dots\dots\dots D = \frac{28}{-30} \times \left(-\frac{15}{21}\right) \dots\dots\dots$$

$$D = \left(-\frac{28}{30}\right) \times \left(-\frac{15}{21}\right) \dots\dots\dots D = \frac{28}{30} \times \frac{15}{21} \dots\dots\dots$$

$$D = \frac{420}{630} \dots\dots\dots D = \frac{2}{3} \dots\dots\dots$$

Calculatrice : $\left[\frac{n}{d}\right] \left[\frac{n}{d}\right] 28 \left[\div\right] \left[(-)\right] 30 \left[\div\right]$

$\left[(-)\right] \left[\frac{n}{d}\right] 21 \left[\div\right] 15 \left[\text{entrer}\right] \dots\dots\dots$