

**Entraînement 1** Effectue les calculs suivants

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

$$A = \frac{\dots \times \dots}{\dots \times \dots}$$

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

$$B = \frac{11}{4} \times \frac{3}{2}$$

$$B = \frac{\dots \times \dots}{\dots \times \dots}$$

$$B = \frac{\dots}{\dots}$$

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

$$C = \frac{\dots \times \dots}{\dots \times \dots}$$

$$C = \frac{\dots}{\dots}$$

$$D = \frac{2}{3} \times 4$$

$$D = \frac{\dots \times \dots}{\dots \times \dots}$$

$$D = \frac{\dots}{\dots}$$

$$E = \frac{4}{5} \times \frac{3}{7} \times \frac{1}{3}$$

$$E = \frac{\dots \times \dots \times \dots}{\dots \times \dots \times \dots}$$

$$E = \frac{\dots}{\dots}$$

$$F = 2 \times \frac{4}{11} \times \frac{2}{3}$$

$$F = \frac{\dots \times \dots \times \dots}{\dots \times \dots \times \dots}$$

$$F = \frac{\dots}{\dots}$$

$$G = \frac{5}{7} \times 2 \times \frac{2}{3}$$

$$G = \frac{\dots \times \dots \times \dots}{\dots \times \dots \times \dots}$$

$$G = \frac{\dots}{\dots}$$

$$H = \frac{5}{3} \times \frac{1}{7} \times \frac{11}{10}$$

$$H = \frac{\dots \times \dots \times \dots}{\dots \times \dots \times \dots}$$

$$H = \frac{\dots}{\dots}$$

**MULTIPLICATION DE FRACTIONS**

Pas besoin du même dénominateur

$$\begin{aligned} & \frac{2}{3} \times \frac{5}{7} \times 4 \\ &= \frac{2 \times 5 \times 4}{3 \times 7 \times 1} \\ &= \frac{40}{21} \end{aligned}$$

 **Entraînement 2** Effectue les calculs suivants

$$A = \frac{-3}{2} \times \frac{7}{5}$$

$$A = \frac{\dots \times \dots}{\dots \times \dots}$$

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

$$B = \frac{-1}{7} \times \frac{7}{-3}$$

$$B = \frac{\dots \times \dots}{\dots \times \dots}$$

$$B = \frac{\dots}{\dots}$$

$$C = -7 \times \frac{-3}{-2}$$

$$C = \frac{\dots \times \dots}{\dots \times \dots}$$

$$C = \frac{\dots}{\dots}$$

$$D = \frac{-2}{-5} \times \frac{-7}{-3}$$

$$D = \frac{\dots \times \dots}{\dots \times \dots}$$

$$D = \frac{\dots}{\dots}$$

$$E = \frac{4}{5} \times \frac{1}{-3}$$

$$F = \frac{3}{-7} \times (-2)$$

$$G = \frac{-5}{-7} \times \frac{5}{-3}$$

$$H = \frac{-2}{3} \times \frac{-1}{-7} \times \frac{-11}{-10}$$

**MULTIPLICATIONS DE FRACTIONS**

$$\begin{aligned} & \frac{-2}{-3} \times \frac{5}{-7} \\ &= \frac{(-2) \times 5}{(-3) \times (-7)} \\ &= \frac{-10}{+21} \\ &= -\frac{10}{21} \end{aligned}$$

( le signe devant la barre de fraction )

 **Entraînement 4** Effectue les calculs suivants

$$A = \left( \frac{1}{7} - \frac{9}{7} \right) \times \frac{4}{5}$$

$$B = \left( \frac{6}{5} - \frac{9}{5} \right) \times \frac{3}{-7}$$

$$C = \frac{4}{5} \times \left( \frac{2}{3} - \frac{8}{3} \right)$$

$$D = \frac{-1}{-7} \times \left( \frac{7}{11} + \frac{5}{11} \right)$$

$$E = \left( \frac{16}{4} - \frac{3}{4} \right) \times \left( \frac{2}{3} - \frac{5}{3} \right)$$

$$F = \frac{-2}{3} \times \left( \frac{5}{4} - \frac{7}{4} \right)$$

$$G = \left( \frac{1}{12} + \frac{1}{4} \right) \times \frac{-2}{3}$$

