

Exercice - Multiplication et division de nombres rationnels

1 - Calculer:

$$\frac{7}{8} \times \frac{2}{2} = \frac{\dots}{\dots}$$

$$\frac{2}{7} \times 2 = \frac{\dots}{\dots}$$

$$\frac{4}{5} \times \frac{2}{7} = \frac{\dots}{\dots}$$

$$\frac{7}{6} \times \frac{7}{2} = \frac{\dots}{\dots}$$

$$5 \times \frac{6}{7} = \frac{\dots}{\dots}$$

$$\frac{7}{5} \times \frac{7}{9} = \frac{\dots}{\dots}$$

$$\frac{3}{2} \times 9 = \frac{\dots}{\dots}$$

2 - Calculer:

$$\frac{2}{7} : \frac{3}{5} = \frac{\dots}{\dots} \dots \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{5}{7} : \frac{7}{8} = \frac{\dots}{\dots} \dots \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{5}{4} : 7 = \frac{\dots}{\dots} \dots \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{4}{9} : 9 = \frac{\dots}{\dots} \dots \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{3}{8} : 5 = \frac{\dots}{\dots} \dots \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{2}{3} : \frac{9}{4} = \frac{\dots}{\dots} \dots \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{7}{3} : \frac{5}{7} = \frac{\dots}{\dots} \dots \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

Correction - Multiplication et division de nombres rationnels

1 - Calculer:

$$\frac{7}{8} \times \frac{2}{2} = \frac{14}{16}$$

$$\frac{2}{7} \times 2 = \frac{4}{7}$$

$$\frac{4}{5} \times \frac{2}{7} = \frac{8}{35}$$

$$\frac{7}{6} \times \frac{7}{2} = \frac{49}{12}$$

$$5 \times \frac{6}{7} = \frac{30}{7}$$

$$\frac{7}{5} \times \frac{7}{9} = \frac{49}{45}$$

$$\frac{3}{2} \times 9 = \frac{27}{2}$$

2 - Calculer:

$$\frac{2}{7} : \frac{3}{5} = \frac{2}{7} \times \frac{5}{3} = \frac{10}{21}$$

$$\frac{5}{7} : \frac{7}{8} = \frac{5}{7} \times \frac{8}{7} = \frac{40}{49}$$

$$\frac{5}{4} : 7 = \frac{5}{4} \times \frac{1}{7} = \frac{5}{28}$$

$$\frac{4}{9} : 9 = \frac{4}{9} \times \frac{1}{9} = \frac{4}{81}$$

$$\frac{3}{8} : 5 = \frac{3}{8} \times \frac{1}{5} = \frac{3}{40}$$

$$\frac{2}{3} : \frac{9}{4} = \frac{2}{3} \times \frac{4}{9} = \frac{8}{27}$$

$$\frac{7}{3} : \frac{5}{7} = \frac{7}{3} \times \frac{7}{5} = \frac{49}{15}$$