

Fraction de quantité – Série 2 : Calcul mental

¥ Entraînement 1 : Calcule

$$\frac{6}{2} = 6 : 2 = \dots\dots$$

$$\frac{21}{3} =$$

$$\frac{30}{5} =$$

$$\frac{49}{7} =$$

$$\frac{70}{10} =$$

$$\frac{40}{5} = 40 : 5 = 8$$

¥ Entraînement 2 : Calcule

$$3 \times \frac{12}{3} = 3 \times (12 : 3) = 3 \times (\dots\dots) = \dots\dots$$

$$5 \times \frac{6}{3} = 5 \times (6 : \dots\dots) = 5 \times \dots\dots = \dots\dots$$

$$5 \times \frac{7}{7} = 5 \times (7 : \dots\dots) = \dots\dots \times \dots\dots = \dots\dots$$

$$3 \times \frac{18}{9} = 3 \times (\dots\dots : \dots\dots) = \dots\dots \times \dots\dots = \dots\dots$$

$$4 \times \frac{12}{6} = \dots\dots \times (\dots\dots : \dots\dots) = \dots\dots \times \dots\dots = \dots\dots$$

$$7 \times \frac{15}{5} = \dots\dots \times (\dots\dots : \dots\dots) = \dots\dots \times \dots\dots = \dots\dots$$

$$2 \times \frac{15}{3} = \dots\dots \times (\dots\dots : \dots\dots) = \dots\dots \times \dots\dots = \dots\dots$$

$$16 \times \frac{0}{6} = \dots\dots \times (\dots\dots : \dots\dots) = \dots\dots \times \dots\dots = \dots\dots$$

MÉTHODE N°1

$$\begin{aligned} 5 \times \frac{8}{2} &= 5 \times (8 : 2) \\ &= 5 \times 4 \\ &= 20 \end{aligned}$$

¥ Entraînement 3 : Calcule

$$\frac{2}{5} \times 10 = 2 \times (10 : \dots\dots) = 2 \times \dots\dots = \dots\dots$$

$$\frac{3}{4} \times 20 = 3 \times (\dots\dots : \dots\dots) = \dots\dots \times \dots\dots = \dots\dots$$

$$\frac{1}{2} \times 6 = 1 \times (\dots\dots : \dots\dots) = \dots\dots \times \dots\dots = \dots\dots$$

$$\frac{3}{7} \times 14 = 3 \times (\dots\dots : \dots\dots) = \dots\dots \times \dots\dots = \dots\dots$$

$$\frac{5}{3} \times 3 = 5 \times (\dots\dots : \dots\dots) = \dots\dots \times \dots\dots = \dots\dots$$

$$\frac{2}{3} \times 12 = 2 \times (\dots\dots : \dots\dots) = \dots\dots \times \dots\dots = \dots\dots$$

$$\frac{3}{2} \times 18 =$$

$$\frac{15}{100} \times 200 =$$

MÉTHODE N°2

$$\begin{aligned} \frac{3}{4} \times 8 &= 3 \times (8 : 4) \\ &= 3 \times 2 \\ &= 6 \end{aligned}$$

¥ Entraînement 4 : Calcule

$$\frac{4}{8} \times 4 = (4 \times 4) : \dots\dots = \dots\dots : \dots\dots = \dots\dots$$

$$\frac{3}{6} \times 8 = (3 \times 8) : \dots\dots = \dots\dots : \dots\dots = \dots\dots$$

$$6 \times \frac{3}{9} = (\dots\dots \times 3) : \dots\dots = \dots\dots : \dots\dots = \dots\dots$$

$$12 \times \frac{3}{9} = (\dots\dots \times \dots\dots) : \dots\dots = \dots\dots : \dots\dots = \dots\dots$$

MÉTHODE N°3

$$\begin{aligned} \frac{3}{6} \times 4 &= (3 \times 4) : 6 \\ &= 12 : 6 \\ &= 2 \end{aligned}$$

¥ Entraînement 5 : Calcule

Les $\frac{2}{5}$ de 40 cm = $\frac{\dots\dots}{\dots\dots} \times \dots\dots = \dots\dots\dots$ cm

Les $\frac{3}{10}$ d'un puzzle de 500 pièces = $\frac{\dots\dots}{\dots\dots} \times \dots\dots = \dots\dots\dots$ pièces

Les $\frac{3}{4}$ de 16 kg de pommes de terre =

Le dixième de 250 personnes =

