Séance 14 de mathématiques – Correction des exercices-Partie 4

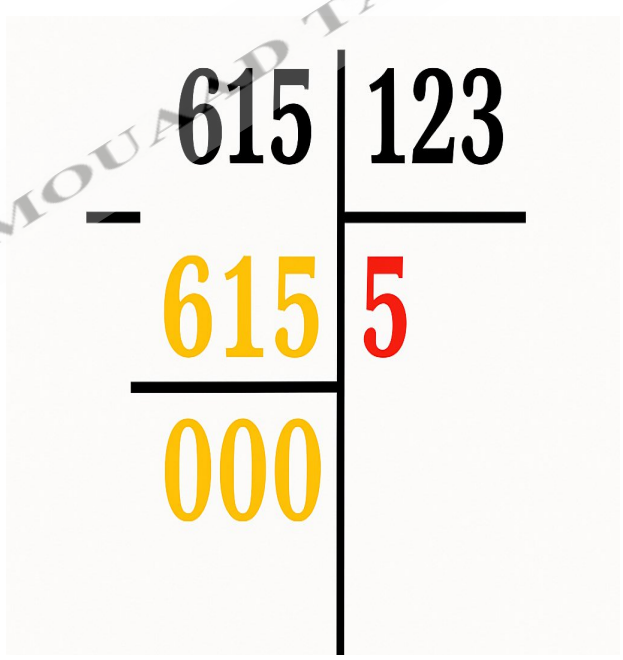


- 615 ÷ 123 = ...
- 69 ÷ 345 = ...
- 348 ÷ 116 = ...
- -20 ÷ -5 = ...
- -75 ÷ -25 = ...
- -120 ÷ -40 = ...
- 83,8 ÷ 2 = ...
- 37,05 ÷ 2,5 = ...
- 8,25 ÷ 4,4 = ...

$\frac{2}{4} \div \frac{3}{4} = \ldots$

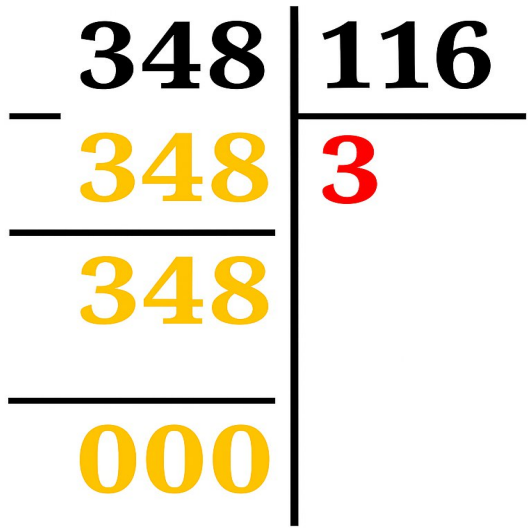
$\frac{4}{7} \div \frac{4}{3} = \ldots$

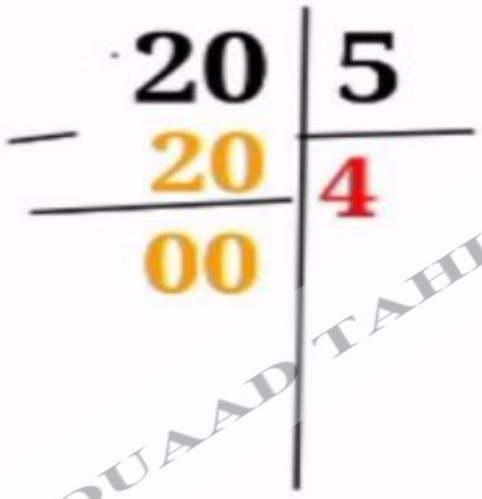
$\frac{4}{3} \div \frac{5}{12} = \ldots$

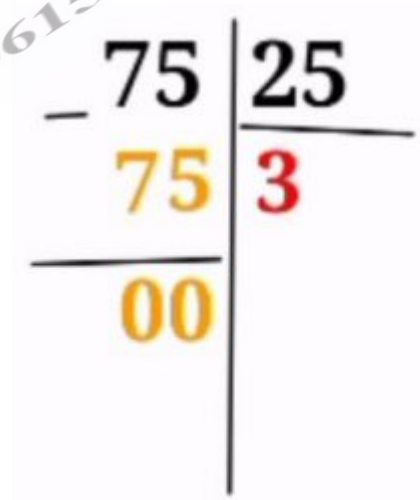


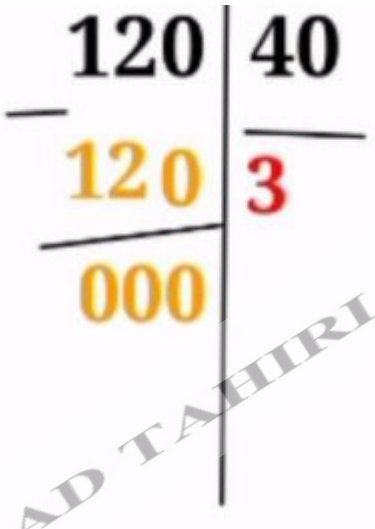


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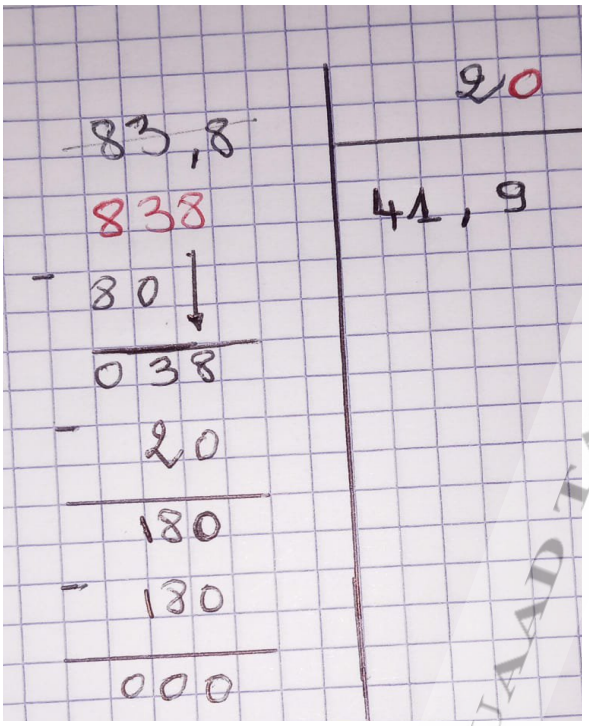


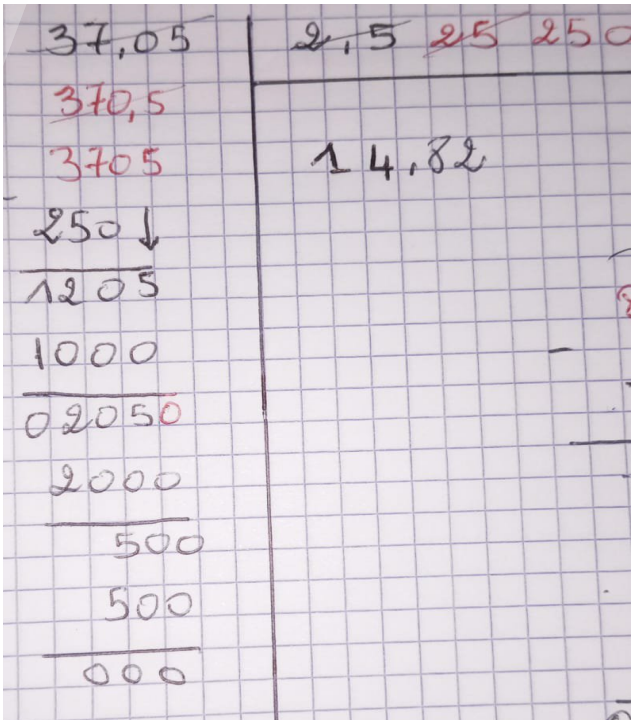


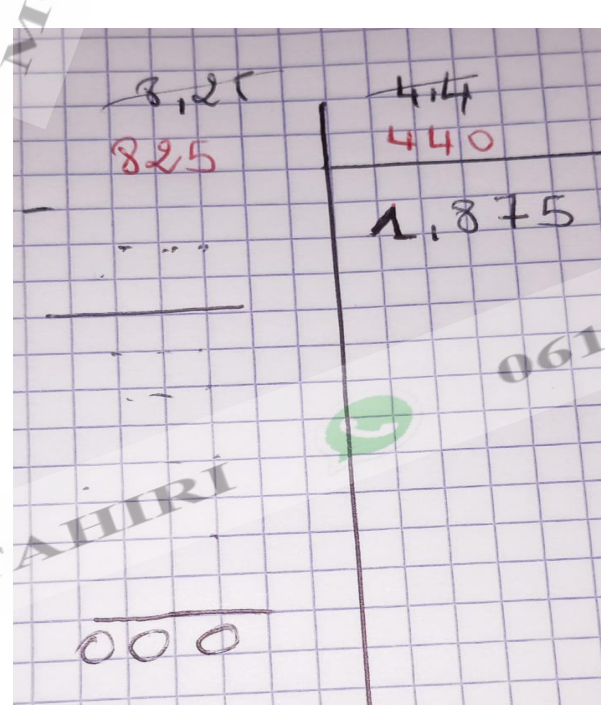


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- **83,8 ÷ 2 = ...**
- **37,05 ÷ 2,5 = ...**
- **8,25 ÷ 4,4 = ...**







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$$\frac{2}{4} \div \frac{3}{4} = \dots$$

$$\frac{4}{7} \div \frac{4}{3} = \dots$$

$$\frac{4}{3} \div \frac{5}{12} = \dots$$

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1 $\frac{2}{4} \div \frac{3}{4} = \frac{2}{4} \times \frac{4}{3} = \frac{8}{12} = \frac{8 \div 4}{12 \div 4} = \frac{2}{3}$

- Conserver la première fraction : $\frac{2}{4}$
- Inverser la deuxième (donner son inverse) : $\frac{4}{3}$
- Multiplier :

$$\frac{2}{4} \times \frac{4}{3} = \frac{8}{12}$$

- Simplifier : diviser par 4 → $\frac{2}{3}$

➡ **Résultat :** $\frac{2}{3}$

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$$\frac{\frac{2}{4}}{\frac{3}{4}} = \frac{2}{4} \times \frac{4}{3} = \frac{8}{12} = \frac{8 \div 4}{12 \div 4} = \frac{2}{3}$$

2 $\frac{4}{7} \div \frac{4}{3} = \frac{4}{7} \times \frac{3}{4} = \frac{12}{28} = \frac{12 \div 4}{28 \div 4} = \frac{3}{7}$

- Garder la première fraction
- Inverser la seconde : $\frac{3}{4}$
- Multiplier :

$$\frac{4}{7} \times \frac{3}{4} = \frac{12}{28}$$

- Simplifier : diviser par 4 → $\frac{3}{7}$

➡ **Résultat :** $\frac{3}{7}$

$$\frac{\frac{4}{7}}{\frac{4}{3}} = \frac{4}{7} \times \frac{3}{4} = \frac{12}{28} = \frac{12 \div 4}{28 \div 4} = \frac{3}{7}$$

3 $\frac{4}{3} \div \frac{5}{12} = \frac{4}{3} \times \frac{12}{5} = \frac{48}{15} = \frac{48 \div 3}{15 \div 3} = \frac{16}{5}$

- Garder $\frac{4}{3}$, inverse $\frac{5}{12} \rightarrow \frac{12}{5}$
- Multiplier :

$$\frac{4}{3} \times \frac{12}{5} = \frac{48}{15}$$

- Simplifier : diviser par 3 → $\frac{16}{5}$

$$\frac{\frac{4}{3}}{\frac{5}{12}} = \frac{4}{3} \times \frac{12}{5} = \frac{48}{15} = \frac{48 \div 3}{15 \div 3} = \frac{16}{5}$$

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