

1 Calcule de tête :

- a. $70 \div 10 = \dots\dots\dots$ d. $6\,300 \div 100 = \dots\dots\dots$
 b. $100 \div 100 = \dots\dots\dots$ e. $2\,500 \div 10 = \dots\dots\dots$
 c. $12\,400 \div 10 = \dots\dots\dots$ f. $10\,000 \div 100 = \dots\dots\dots$
 g. $12\,000 \div 1\,000 = \dots\dots\dots$
 h. $990\,000 \div 1\,000 = \dots\dots\dots$

2 Pour chacune de ces divisions, qui sont correctes, écris l'égalité qui correspond :

$$\begin{array}{r|l} 125 & 7 \\ -7 & 17 \\ \hline 55 & \\ -49 & \\ \hline 6 & \end{array}$$

$$\begin{array}{r|l} 470 & 11 \\ -44 & 42 \\ \hline 30 & \\ -22 & \\ \hline 8 & \end{array}$$

$$\begin{array}{r|l} 312 & 25 \\ -25 & 12 \\ \hline 62 & \\ -50 & \\ \hline 12 & \end{array}$$

$$\begin{array}{r|l} 117 & 13 \\ -117 & 9 \\ \hline 0 & \end{array}$$

3 Romain a effectué des divisions euclidiennes. Sont-elles justes ? Justifie sans poser les divisions.

$$\begin{array}{r|l} 300 & 9 \\ (...) & 33 \\ 3 & \end{array}$$

$$\begin{array}{r|l} 862 & 12 \\ (...) & 70 \\ 22 & \end{array}$$

$$\begin{array}{r|l} 841 & 8 \\ (...) & 105 \\ 1 & \end{array}$$

$$\begin{array}{r|l} 4218 & 27 \\ (...) & 146 \\ 6 & \end{array}$$

4 Relie chaque quotient à la multiplication correspondante, puis complète l'égalité :

$15 \div 5 = \dots$	•	•	$5 \times 15 = 75$
$36 \div 12 = \dots$	•	•	$5 \times 3 = 15$
$144 \div 4 = \dots$	•	•	$144 \times 4 = 576$
$15 \div 3 = \dots$	•	•	$36 \times 4 = 144$
$144 \div 36 = \dots$	•	•	$15 \times 9 = 135$
$135 \div 9 = \dots$	•	•	$12 \times 3 = 36$

5 Effectue les divisions décimales suivantes pour en trouver le quotient décimal exact.

$$\begin{array}{r|l} 172,2 & 3 \\ \hline \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \end{array}$$

$$\begin{array}{r|l} 47,5 & 4 \\ \hline \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \end{array}$$

$$\begin{array}{r|l} 0,126 & 9 \\ \hline \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \end{array}$$

$$\begin{array}{r|l} 5,46 & 12 \\ \hline \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \\ \dots\dots\dots & \end{array}$$

