



Poser et effectuer les divisions euclidiennes suivantes puis donner l'égalité fondamentale correspondante.

6C21

1.  $1\,333 \div 3$

7.  $4\,979 \div 6$

2.  $6\,569 \div 7$

8.  $2\,178 \div 4$

3.  $4\,456 \div 7$

9.  $7\,530 \div 9$

4.  $23\,233 \div 8$

10.  $48\,321 \div 7$

5.  $3\,772 \div 7$

11.  $5\,027 \div 8$

6.  $56\,479 \div 7$

12.  $1\,781 \div 4$



Poser et effectuer les divisions euclidiennes suivantes puis donner l'égalité fondamentale correspondante.

6C21

1.  $2\,331 \div 11$

3.  $2\,359 \div 11$

2.  $135\,792 \div 23$



## Corrections

EX  
1

$$\begin{array}{r} 1\ 3\ 3\ 3 \\ 1\ 3 \\ 1\ 3 \\ 1 \end{array} \bigg| \begin{array}{r} 3 \\ 4\ 4\ 4 \end{array}$$

1.  $1\ 333 = 3 \times 444 + 1$

$$\begin{array}{r} 6\ 5\ 6\ 9 \\ 2\ 6 \\ 5\ 9 \\ 3 \end{array} \bigg| \begin{array}{r} 7 \\ 9\ 3\ 8 \end{array}$$

2.  $6\ 569 = 7 \times 938 + 3$

$$\begin{array}{r} 4\ 4\ 5\ 6 \\ 2\ 5 \\ 4\ 6 \\ 4 \end{array} \bigg| \begin{array}{r} 7 \\ 6\ 3\ 6 \end{array}$$

3.  $4\ 456 = 7 \times 636 + 4$

$$\begin{array}{r} 2\ 3\ 2\ 3\ 3 \\ 7\ 2 \\ 0\ 3\ 3 \\ 1 \end{array} \bigg| \begin{array}{r} 8 \\ 2\ 9\ 0\ 4 \end{array}$$

4.  $2\ 3233 = 8 \times 2904 + 1$

$$\begin{array}{r} 3\ 7\ 7\ 2 \\ 2\ 7 \\ 6\ 2 \\ 6 \end{array} \bigg| \begin{array}{r} 7 \\ 5\ 3\ 8 \end{array}$$

5.  $3\ 772 = 7 \times 538 + 6$

$$\begin{array}{r} 5\ 6\ 4\ 7\ 9 \\ 0\ 4\ 7 \\ 0\ 5\ 9 \\ 3 \end{array} \bigg| \begin{array}{r} 7 \\ 8\ 0\ 6\ 8 \end{array}$$

6.  $5\ 6479 = 7 \times 8068 + 3$

$$\begin{array}{r} 4\ 9\ 7\ 9 \\ 1\ 7 \\ 5\ 9 \\ 5 \end{array} \bigg| \begin{array}{r} 6 \\ 8\ 2\ 9 \end{array}$$

7.  $4\ 979 = 6 \times 829 + 5$

$$\begin{array}{r} 2\ 1\ 7\ 8 \\ 1\ 7 \\ 1\ 8 \\ 2 \end{array} \bigg| \begin{array}{r} 4 \\ 5\ 4\ 4 \end{array}$$

8.  $2\ 178 = 4 \times 544 + 2$

$$\begin{array}{r} 7\ 5\ 3\ 0 \\ 3\ 3 \\ 6\ 0 \\ 6 \end{array} \bigg| \begin{array}{r} 9 \\ 8\ 3\ 6 \end{array}$$

9.  $7\ 530 = 9 \times 836 + 6$

$$\begin{array}{r} 4\ 8\ 3\ 2\ 1 \\ 6\ 3 \\ 0\ 2\ 1 \\ 0 \end{array} \bigg| \begin{array}{r} 7 \\ 6\ 9\ 0\ 3 \end{array}$$

10.  $4\ 8321 \div 7 = 6\ 903$

$$\begin{array}{r} 5\ 0\ 2\ 7 \\ 2\ 2 \\ 6\ 7 \\ 3 \end{array} \bigg| \begin{array}{r} 8 \\ 6\ 2\ 8 \end{array}$$

11.  $5\ 027 = 8 \times 628 + 3$

$$\begin{array}{r} 1\ 7\ 8\ 1 \\ 1\ 8 \\ 2\ 1 \\ 1 \end{array} \bigg| \begin{array}{r} 4 \\ 4\ 4\ 5 \end{array}$$

12.  $1\ 781 = 4 \times 445 + 1$

EX  
2

$$\begin{array}{r}
 2331 \mid 11 \\
 13 \quad \mid 211 \\
 21 \quad \mid \\
 10 \quad \mid
 \end{array}
 \quad 2331 = 11 \times 211 + 10$$

$$\begin{array}{r}
 2359 \mid 11 \\
 15 \quad \mid 214 \\
 49 \quad \mid \\
 5 \quad \mid
 \end{array}
 \quad 2359 = 11 \times 214 + 5$$

$$\begin{array}{r}
 135792 \mid 23 \\
 207 \quad \mid 5904 \\
 092 \quad \mid \\
 0 \quad \mid
 \end{array}
 \quad 135792 \div 23 = 5904$$