

EX
1

Effectuer les divisions décimales suivantes et donner la valeur exacte de leur quotient.

6C31

1. $277,6 \div 5$
2. $4\,143,6 \div 9$
3. $59,388 \div 6$
4. $309 \div 4$
5. $137,72 \div 4$
6. $5\,648,3 \div 7$

EX
2

Effectuer les divisions décimales suivantes et donner une valeur approchée de leur quotient au millième près.

6C31

1. $55 \div 7$
2. $1,33 \div 3$
3. $15,8 \div 9$
4. $18 \div 7$
5. $14,5 \div 9$
6. $2,89 \div 3$

Corrections

EX
1

$$\begin{array}{r}
 1. \quad \begin{array}{r} 277,6 \\ - 25 \\ \hline 27 \\ - 25 \\ \hline 26 \\ - 25 \\ \hline 10 \\ - 10 \\ \hline 00 \end{array} \quad \begin{array}{r} 5 \\ 55,52 \end{array} \\
 277,6 \div 5 = 55,52
 \end{array}$$

$$\begin{array}{r}
 2. \quad \begin{array}{r} 4143,6 \\ - 36 \\ \hline 54 \\ - 54 \\ \hline 03 \\ - 0 \\ \hline 36 \\ - 36 \\ \hline 00 \end{array} \quad \begin{array}{r} 9 \\ 460,4 \end{array} \\
 4143,6 \div 9 = 460,4
 \end{array}$$

$$\begin{array}{r}
 3. \quad \begin{array}{r} 59388 \\ - 54 \\ \hline 53 \\ - 48 \\ \hline 58 \\ - 54 \\ \hline 48 \\ - 48 \\ \hline 00 \end{array} \quad \begin{array}{r} 6 \\ 9898 \end{array} \\
 59388 \div 6 = 9898
 \end{array}$$

$$\begin{array}{r}
 4. \quad \begin{array}{r} 309 \\ - 28 \\ \hline 29 \\ - 28 \\ \hline 10 \\ - 8 \\ \hline 20 \\ - 20 \\ \hline 00 \end{array} \quad \begin{array}{r} 4 \\ 77,25 \end{array} \\
 309 \div 4 = 77,25
 \end{array}$$

$$\begin{array}{r}
 5. \quad \begin{array}{r} 13772 \\ - 12 \\ \hline 17 \\ - 16 \\ \hline 17 \\ - 16 \\ \hline 12 \\ - 12 \\ \hline 00 \end{array} \quad \begin{array}{r} 4 \\ 34,43 \end{array} \\
 13772 \div 4 = 34,43
 \end{array}$$

$$\begin{array}{r}
 6. \quad \begin{array}{r} 56483 \\ - 56 \\ \hline 04 \\ - 0 \\ \hline 48 \\ - 42 \\ \hline 63 \\ - 63 \\ \hline 00 \end{array} \quad \begin{array}{r} 7 \\ 806,9 \end{array} \\
 56483 \div 7 = 806,9
 \end{array}$$

EX
2

$$\begin{array}{r}
 1. \quad \begin{array}{r} 55 \\ - 49 \\ \hline 60 \\ - 56 \\ \hline 40 \\ - 35 \\ \hline 50 \\ - 49 \\ \hline 10 \\ - 7 \\ \hline 30 \\ - 28 \\ \hline 20 \\ - 14 \\ \hline 6 \end{array} \quad \begin{array}{l} 7 \\ \hline 7,857142 \end{array}
 \end{array}$$

$$55 \div 7 \approx 7,857$$

$$\begin{array}{r}
 2. \quad \begin{array}{r} 1,33 \\ - 12 \\ \hline 13 \\ - 12 \\ \hline 10 \\ - 9 \\ \hline 1 \end{array} \quad \begin{array}{l} 3 \\ \hline 0,443 \end{array}
 \end{array}$$

$$1,33 \div 3 \approx 0,443$$

$$\begin{array}{r}
 3. \quad \begin{array}{r} 15,8 \\ - 9 \\ \hline 68 \\ - 63 \\ \hline 50 \\ - 45 \\ \hline 5 \end{array} \quad \begin{array}{l} 9 \\ \hline 1,75 \end{array}
 \end{array}$$

$$15,8 \div 9 \approx 1,756$$

$$\begin{array}{r}
 4. \quad \begin{array}{r} 18 \\ - 14 \\ \hline 40 \\ - 35 \\ \hline 50 \\ - 49 \\ \hline 10 \\ - 7 \\ \hline 30 \\ - 28 \\ \hline 20 \\ - 14 \\ \hline 60 \\ - 56 \\ \hline 4 \end{array} \quad \begin{array}{l} 7 \\ \hline 2,571428 \end{array}
 \end{array}$$

$$18 \div 7 \approx 2,571$$

$$\begin{array}{r}
 5. \quad \begin{array}{r} 14,5 \\ - 9 \\ \hline 55 \\ - 54 \\ \hline 10 \\ - 9 \\ \hline 1 \end{array} \quad \begin{array}{l} 9 \\ \hline 1,61 \end{array}
 \end{array}$$

$$14,5 \div 9 \approx 1,611$$

$$\begin{array}{r}
 6. \quad \begin{array}{r} 2,89 \\ - 27 \\ \hline 19 \\ - 18 \\ \hline 10 \\ - 9 \\ \hline 1 \end{array} \quad \begin{array}{l} 3 \\ \hline 0,963 \end{array}
 \end{array}$$

$$2,89 \div 3 \approx 0,963$$