MATHEMATICS

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DIVISION WITH TWO-DIGIT DIVISOR

Dividing numbers with 2-digit divisor is the same with dividing numbers with 1-digit divisor.

Steps in Division:

D M S B R

DIVIDE MULTIPLY SUBTRACT

BRING DOWN REMAINDER/REPEAT

Steps in Division:

DIVIDE:

3 475 ÷ 25 = N

DIVIDE:

```
      x   1 3 9
      ---------
25 | 3 4 7 5
   _ 2 5
     -----
       9 7
     _ 7 5
     -----
       2 2 5
     _ 2 2 5
     -------
           0
```

Check by multiplying the quotient and divisor:

$$
\begin{array}{r}
{\scriptstyle 1}\,{\scriptstyle 1}\,{\scriptstyle 4} \\
139 \\
\times\ 25 \\
\hline
695 \\
+\,278 \\
\hline
3475
\end{array}
$$

DIVIDE:

4 163÷ 23 = N

DIVIDE:

```
      x   1 8 1
      ---------
23 | 4 1 6 3
   _ 2 3
     -----
     1 8 6
   _ 1 8 4
     -----
       2 3
     _ 2 3
       -----
         0
```

Check by multiplying the quotient and divisor:

$$\begin{array}{r} {\scriptstyle 1\ \ }\\ {\scriptstyle 2\ \ }\\ 181 \\ \times\ 23 \\ \hline 543 \\ +362\ \ \\ \hline 4163 \end{array}$$

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