

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



D_{IVIDE} ***M***_{ULTIPLY} ***S***_{UBTRACT}

B_{RING DOWN} ***R***_{EMAINDER/REPEAT}



Steps in Division:

DIVIDE:

$$3\ 475 \div 25 = N$$



DIVIDE:

$$\begin{array}{r} \text{x} \quad 139 \\ 25 \overline{) 3475} \\ \underline{25} \\ 97 \\ \underline{75} \\ 225 \\ \underline{225} \\ 0 \end{array}$$

Diagram illustrating the long division of 3475 by 25, resulting in a quotient of 139. The process shows the divisor 25 being subtracted from the dividend 3475 in steps, with the final remainder being 0. Red arrows indicate the progression of the division steps.



*Check by multiplying the quotient
and divisor:*

$$\begin{array}{r} \overset{1}{1} \overset{1}{3} \overset{4}{9} \\ \times 25 \\ \hline 695 \\ + 278 \\ \hline 3475 \end{array}$$



DIVIDE:

$$4\ 163 \div 23 = N$$



DIVIDE:

$$\begin{array}{r} \text{x} \quad 181 \\ 23 \overline{) 4163} \\ \underline{23} \\ 186 \\ \underline{184} \\ 23 \\ \underline{23} \\ 0 \end{array}$$



*Check by multiplying the quotient
and divisor:*

$$\begin{array}{r} \overset{1}{\overset{2}{1}} 81 \\ \times 23 \\ \hline 543 \\ + 362 \\ \hline 4163 \end{array}$$



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