

Long Division

How To Long Divide with DMSB

(DAD, MUM, SISTER & BROTHER)

STEP ONE

D = Divide

STEP TWO

M = Multiply

STEP THREE

S = Subtract

STEP FOUR

B = Bring down

REPEAT THESE STEPS

Long Division is great for dividing big numbers without a calculator!



Multiply the numbers and write the answer underneath

$$1 \times 2 = 2$$

Divide by asking how many times the outside number goes into the inside number?

$$2 \text{ into } 2 = 1$$

Write the answer on top of the 2.

$$\begin{array}{r}
 115 \\
 \hline
 2 \overline{) 230} \\
 \underline{- 2} \\
 03 \\
 \underline{- 2} \\
 10 \\
 \underline{- 10} \\
 0
 \end{array}$$

Subtract the numbers and draw a line underneath. Write your answer at the bottom.

$$1 \times 2 = 2$$

Bring down the next number. Repeat steps one to four with this new "inside" number.

$$2 \text{ into } 3 = 1$$



Instructions: Use long division to answer the questions below.

1	$2 \overline{) 464}$	2	$3 \overline{) 315}$
3	$5 \overline{) 635}$	4	$2 \overline{) 734}$
5	$4 \overline{) 928}$	6	$4 \overline{) 332}$



7	$4 \overline{) 208}$	8	$3 \overline{) 156}$
9	$6 \overline{) 366}$	10	$9 \overline{) 306}$
11	$8 \overline{) 776}$	12	$7 \overline{) 651}$

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$$1 \times 2 = 2$$

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$$2 \text{ into } 3 = 1$$



Instructions: Use long division to answer the questions below.

1	$4 \overline{) 436}$	2	$3 \overline{) 894}$
3	$5 \overline{) 245}$	4	$6 \overline{) 642}$
5	$9 \overline{) 693}$	6	$6 \overline{) 210}$



7	$3 \overline{) 969}$	8	$5 \overline{) 235}$
9	$7 \overline{) 455}$	10	$9 \overline{) 774}$
11	$8 \overline{) 896}$	12	$6 \overline{) 564}$