

Long division steps

Step	What to do	Example: $742 \div 5$
Divide	How many times does 5 go into 7?	1
Multiply	1×5	5
Subtract	$7 - 5$	2
Bring down	Bring down 4	24
Repeat	$24 \div 5 = 4$; $42 \div 5 = 8$	148
Remainder	$42 - 40$	R2
Check	$148 \times 5 + 2$	742 (correct)

Notes