## Solved Long Division Problems with Step-By-Step Walkthrough

Steps: (1) Divide (2) Multiply (3) Subtract (4) Bring down the next number (5) Repeat if needed Solutions are on page 2

3 551019	(2)	(3)
3/331019	2 175039	4 267182

## Solved Long Division Problems with Step-By-Step Walkthrough

(1) Divide (2) Multiply (3) Subtract (4) Bring down the next number (5) Repeat if needed Steps:

Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

(1)	183673 RO	
3	551019	
	3	(1x3)
	25	
	24_	(8x3)
	11	
_	<u> </u>	(3x3)
	20	
	_ 18	(6x3)
	21	
	<u>- 21</u>	(7x3)
	09	
	9	(3x3)
Remainder>	0	

Divide, Multiply, Subtract, Bring down, Repeat

Divide 3 into 5 (= 1)Multiply 1 times 3 (= 3)Subtract 3 from 5 (= 2)Bring down the 5

Divide 3 into 25 (= 8) Multiply 8 times 3 (= 24)Subtract 24 from 25 (= 1)Bring down the 1

Divide 3 into 11 (= 3)Multiply 3 times 3 (= 9)Subtract 9 from 11 (= 2)Bring down the 0

Divide 3 into 20 (= 6)Multiply 6 times 3 (= 18)Subtract 18 from 20 (= 2)Bring down the 1

Divide 3 into 21 (= 7)Multiply 7 times 3 (= 21)Subtract 21 from 21 (=0)Bring down the 9

Divide 3 into 09 ( = 3 ) Multiply 3 times 3 (= 9)Subtract 9 from 09 (= 0)

Done. No more numbers to bring down.

(2) 87519 R1 2 | 175039 - 16 (8x2)15 - 14 (7x2)10 - 10 (5x2)03 - 2 (1x2)19 - 18 (9x2)Remainder -->

Divide, Multiply, Subtract, Bring down, Repeat

Divide 2 into 17 (= 8)Multiply 8 times 2 (= 16)Subtract 16 from 17 (= 1)Bring down the 5

Divide 2 into 15 (=7)Multiply 7 times 2 (= 14)Subtract 14 from 15 ( = 1 ) Bring down the 0

Divide 2 into 10 ( = 5 ) Multiply 5 times 2 (= 10)Subtract 10 from 10 = 0Bring down the 3

Divide 2 into 03 ( = 1 ) Multiply 1 times 2 (= 2)Subtract 2 from 03 (= 1)Bring down the 9

Divide 2 into 19 ( = 9 ) Multiply 9 times 2 (= 18)Subtract 18 from 19 (= 1)Done. No more numbers to bring down.

66795 R2 267182 - 24 (6x4)- 24 (6x4)31 - 28 (7x4)38 - 36 (9x4)22 - 20 (5x4)Remainder -->

Divide, Multiply, Subtract, Bring down, Repeat

Divide 4 into 26 (= 6) Multiply 6 times 4 (= 24)Subtract 24 from 26 (= 2)Bring down the 7

(3)

Divide 4 into 27 ( = 6 ) Multiply 6 times 4 (= 24)Subtract 24 from 27 (= 3)Bring down the 1

Divide 4 into 31 (= 7) Multiply 7 times 4 (= 28)Subtract 28 from 31 (= 3)Bring down the 8

Divide 4 into 38 ( = 9 ) Multiply 9 times 4 (= 36)Subtract 36 from 38 (= 2)Bring down the 2

Divide 4 into 22 ( = 5 ) Multiply 5 times 4 (= 20)Subtract 20 from 22 (= 2)Done. No more numbers to bring down.