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

(1)		(2)			(3)		
	2 5491570		6 9707	859		4 115	59885
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Steps: (1) Divide (2) Multiply

y (3) Subtract

(4) Bring down the next number

(3)

(5) Repeat if needed

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

(1)	2745785 R0	
2	5491570	
- -	4	(2x2)
	14	
	14	(7x2)
	09	
_	- 8	(4x2)
	11	
	<u>- 10</u>	(5x2)
	15	
	<u>- 14</u>	(7x2)
	17	
	- 16	(8x2)
	10	
	- 10	(5x2)
Remainder>	0	

Divide, Multiply, Subtract, Bring down, Repeat

Divide 2 into 5 (= 2) Multiply 2 times 2 (= 4) Subtract 4 from 5 (= 1) Bring down the 4

Divide 2 into 14 (= 7) Multiply 7 times 2 (= 14) Subtract 14 from 14 (= 0) Bring down the 9

Divide 2 into 09 (= 4) Multiply 4 times 2 (= 8) Subtract 8 from 09 (= 1) Bring down the 1

Divide 2 into 11 (= 5) Multiply 5 times 2 (= 10) Subtract 10 from 11 (= 1) Bring down the 5

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

Divide 2 into 17 (= 8) Multiply 8 times 2 (= 16) Subtract 16 from 17 (= 1) Bring down the 0

(2) 1617976 R3 6 9707859 – б (1x6)- 36 (6x6)10 - 6 (1x6)47 - 42 (7x6)58 - 54 (9x6)45 42 (7x6)39 (6x6)

Remainder -->

Divide, Multiply, Subtract, Bring down, Repeat

Divide 6 into 9 (= 1)

Multiply 1 times 6 (= 6)

Subtract 6 from 9 (= 3)

Bring down the 7

Divide 6 into 37 (= 6)

Multiply 6 times 6 (= 36) Subtract 36 from 37 (= 1) Bring down the 0

Divide 6 into 10 (= 1) Multiply 1 times 6 (= 6) Subtract 6 from 10 (= 4) Bring down the 7

Divide 6 into 47 (= 7) Multiply 7 times 6 (= 42) Subtract 42 from 47 (= 5) Bring down the 8

Divide 6 into 58 (=9) Multiply 9 times 6 (=54) Subtract 54 from 58 (=4) Bring down the 5

Divide 6 into 45 (= 7) Multiply 7 times 6 (= 42) Subtract 42 from 45 (= 3) Bring down the 9

289971 R1 1159885 8 (2x4)35 - 32 (8x4)39 - 36 (9x4)38 - 36 (9x4)28 - 28 (7x4)05 (1x4)Remainder -->

Divide, Multiply, Subtract, Bring down, Repeat

Divide 4 into 11 (= 2) Multiply 2 times 4 (= 8) Subtract 8 from 11 (= 3) Bring down the 5

Divide 4 into 35 (= 8) Multiply 8 times 4 (= 32) Subtract 32 from 35 (= 3) Bring down the 9

Divide 4 into 39 (=9) Multiply 9 times 4 (=36) Subtract 36 from 39 (=3) Bring down the 8

Divide 4 into 38 (=9) Multiply 9 times 4 (=36) Subtract 36 from 38 (=2) Bring down the 8

Divide 4 into 28 (= 7) Multiply 7 times 4 (= 28) Subtract 28 from 28 (= 0) Bring down the 5

Divide 4 into 05 (= 1)

Multiply 1 times 4 (= 4)

Subtract 4 from 05 (= 1)

Done. No more numbers to bring down.

Divide 2 into 10 (= 5)

Multiply 5 times 2 (= 10)

Subtract 10 from 10 (= 0)

Done. No more numbers to bring down.

Divide 6 into 39 (= 6)

Multiply 6 times 6 (= 36)

Subtract 26 from 20 (= 3)

Subtract 36 from 39 (=3) www.worksneetsandwalkthroughs.com, Page 2/2 Done. No more numbers to bring down.