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

4 6440915	4 6499056	4 8859992

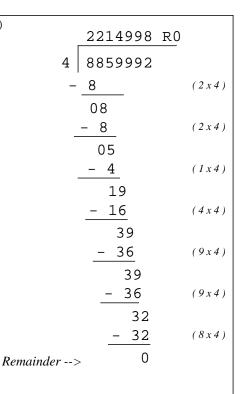
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Steps: (1) Divide (2) Multiply (3) Subtract (4) Bring down the next number (5) Repeat if needed

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

(3)

(1)	1610228 R3	
4	6440915	
	4	(1x4)
	24	
_	24	(6x4)
	04	
_	- 4	(1x4)
	00	
	- 0	(0x4)
	09	
	_ 8	(2x4)
	11	
	_ 8	(2x4)
	35	
	- 32	(8x4)
Remainder>	3	



Divide, Multiply, Subtract, Bring down, Repeat

Divide 4 into 6 (= 1)

Multiply 1 times 4 (= 4)

Subtract 4 from 6 (= 2)

Bring down the 4

Divide 4 into 24 (= 6)

Multiply 6 times 4 (= 24) Subtract 24 from 24 (= 0) Bring down the 4 Divide 4 into 04 (= 1)

Multiply 1 times 4 (= 4)Subtract 4 from 04 (= 0)Bring down the 0Divide 4 into 00 (= 0)

Multiply 0 times 4 (= 0)
Subtract 0 from 00 (= 0)
Bring down the 9

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

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)

Divide, Multiply, Subtract, Bring down, Repeat

Divide 4 into 6 (= 1)

Multiply 1 times 4 (= 4)

Subtract 4 from 6 (= 2)

Bring down the 4

Divide 4 into 24 (= 6)

Multiply 6 times 4 (= 24)

Subtract 24 from 24 (= 0)

Bring down the 9

Divide 4 into 09 (= 2)Multiply 2 times 4 (= 8)Subtract 8 from 09 (= 1)Bring down the 9

Multiply 4 times 4 (= 16)

Subtract 16 from 19 (= 3)

Bring down the 0
Divide 4 into 30 (= 7)Multiply 7 times 4 (= 28)Subtract 28 from 30 (= 2)Bring down the 5

Divide 4 into 25 (= 6) Multiply 6 times 4 (= 24) Subtract 24 from 25 (= 1) Bring down the 6 Divide, Multiply, Subtract, Bring down, Repeat

Divide 4 into 8 (= 2)

Multiply 2 times 4 (= 8)

Subtract 8 from 8 (= 0)

Bring down the 8

Divide 4 into 08 (= 2)

Multiply 2 times 4 (= 8)

Subtract 8 from 08 (= 0)

Bring down the 5

Divide 4 into 05 (= 1) Multiply 1 times 4 (= 4) Subtract 4 from 05 (= 1) Bring down the 9 Divide 4 into 19 (= 4)

Multiply 4 times 4 (= 16)
Subtract 16 from 19 (= 3)
Bring down the 9

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

Divide 4 into 39 (=9) Multiply 9 times 4 (= 36) Subtract 36 from 39 (=3) Bring down the 2

Multiply 8 times 4 (= 32)
Subtract 32 from 35 (= 3)
Done. No more numbers to bring down.

Divide 4 into 16 (= 4) Multiply 4 times 4 (= 16) Subtract 16 from 16 (= 0)

Subtract 16 from 16 (-0) www.worksheetsandwalkthroughs.com, Page 2/2 Done. No more numbers to bring down.

Divide 4 into 32 (= 8)

Multiply 8 times 4 (= 32)

Subtract 32 from 32 (= 0)

Done. No more numbers to bring down.