## 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
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Solutions are on page 2

(1)	(2)	(3)
714 7578708	704 4248341	702 4474194

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(3) Subtract

Steps: (1) Divide (2) Multiply

(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"

<sup>(1)</sup> 10614 R312	<sup>(2)</sup> 6034 R405	<sup>(3)</sup> 6373 R348
714 7578708	704 4248341	702 4474194
- 714 (1x714)	- 4224 (6x704)	- 4212 (6x702)
438	243	2621
-0 (0x714)	-0 (0x704)	- <u>2106</u> (3 x 702)
4387	2434	5159
$- \frac{4284}{1222} (6x714)$	- 2112 (3x704)	- 4914 (7x702)
1030	3221	2454
3168	$-\frac{2810}{405}$ (42,04)	$-\frac{2100}{348}$ (31/02)
-2856 (4x714)	<i>Remainder</i> > 105	Remainder> 510
Remainder> 312		
	Divide, Multiply, Subtract, Bring down, Repeat	Divide, Multiply, Subtract, Bring down, Repeat
Divide, Multiply, Subtract, Bring down, Repeat	Divide 704 into 4248 ( = 6 ) Multiply 6 times 704 ( = 4224 )	Divide 702 into 4474 ( = 6 ) Multiply 6 times 702 ( = 4212 )
Divide 714 into 757 ( = 1 )	Subtract 4224 from 4248 (= 24 ) Bring down the 3	Subtract 4212 from 4474 ( = 262 ) Bring down the 1
Multiply 1 times 714 ( = 714 )	bring down the 5	bing down the r
Subtract /14 from /5/ (=43) Bring down the 8	Divide 704 into 243 ( $= 0$ ) Multiply 0 times 704 ( $= 0$ )	Divide 702 into 2621 (= 3) Multiply 3 times 702 (= 2106)
Divide 714 into $428(-0)$	Subtract 0 from 243 ( = 243 )	Subtract 2106 from 2621 ( = 515 )
Multiply 0 times 714 (= 0 )	Bring down the 4	Bring down the 9
Subtract 0 from 438 ( = 438 ) Bring down the 7	Divide 704 into 2434 ( = 3 )	Divide 702 into 5159 ( = 7 )
Dring down the 7	Multiply 3 times 704 ( = 2112 ) Subtract 2112 from 2434 ( = 322 )	Multiply 7 times 702 ( = 4914 ) Subtract 4914 from 5159 ( = 245 )
Divide 714 into 4387 (= 6) Multiply 6 times 714 (= 4284)	Bring down the 1	Bring down the 4
Subtract 4284 from 4387 ( = 103 )	Divide 704 into 3221 ( = 4 )	Divide 702 into 2454 ( = 3 )
Bring down the 0	Multiply 4 times 704 ( $= 2816$ ) Subtract 2816 from 3221 ( $= 405$ )	Multiply 3 times 702 (= 2106) Subtract 2106 from 2454 (= 348)
Divide 714 into 1030 ( = 1 )	Done. No more numbers to bring down.	Done. No more numbers to bring down.
Multiply 1 times /14 ( $=$ /14 ) Subtract 714 from 1030 ( $=$ 316 )		
Bring down the 8		
Divide 714 into 3168 ( = 4 )		
Multiply 4 times 714 ( = 2856 ) Subtract 2856 from 3168 ( = 312 )		
Done. No more numbers to bring down.		