

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) <div>998 545754</div>	(2) <div>883 417955</div>	(3) <div>166 204975</div>
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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<div>(1)<div><div>546 R846</div><div>998<div>545754</div><div><div>- 4990</div><div>(5 x 998)</div><div>4675</div><div><div>- 3992</div><div>(4 x 998)</div><div>6834</div><div><div>- 5988</div><div>(6 x 998)</div><div>846</div></div></div></div></div><div>Remainder --></div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 998 into 5457 (= 5) Multiply 5 times 998 (= 4990) Subtract 4990 from 5457 (= 467) Bring down the 5 Divide 998 into 4675 (= 4) Multiply 4 times 998 (= 3992) Subtract 3992 from 4675 (= 683) Bring down the 4 Divide 998 into 6834 (= 6) Multiply 6 times 998 (= 5988) Subtract 5988 from 6834 (= 846) Done. No more numbers to bring down.</div></div>	<div>(2)<div><div>473 R296</div><div>883<div>417955</div><div><div>- 3532</div><div>(4 x 883)</div><div>6475</div><div><div>- 6181</div><div>(7 x 883)</div><div>2945</div><div><div>- 2649</div><div>(3 x 883)</div><div>296</div></div></div></div></div><div>Remainder --></div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 883 into 4179 (= 4) Multiply 4 times 883 (= 3532) Subtract 3532 from 4179 (= 647) Bring down the 5 Divide 883 into 6475 (= 7) Multiply 7 times 883 (= 6181) Subtract 6181 from 6475 (= 294) Bring down the 5 Divide 883 into 2945 (= 3) Multiply 3 times 883 (= 2649) Subtract 2649 from 2945 (= 296) Done. No more numbers to bring down.</div></div>	<div>(3)<div><div>1234 R131</div><div>166<div>204975</div><div><div>- 166</div><div>(1 x 166)</div><div>389</div><div><div>- 332</div><div>(2 x 166)</div><div>577</div><div><div>- 498</div><div>(3 x 166)</div><div>795</div><div><div>- 664</div><div>(4 x 166)</div><div>131</div></div></div></div></div><div>Remainder --></div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 166 into 204 (= 1) Multiply 1 times 166 (= 166) Subtract 166 from 204 (= 38) Bring down the 9 Divide 166 into 389 (= 2) Multiply 2 times 166 (= 332) Subtract 332 from 389 (= 57) Bring down the 7 Divide 166 into 577 (= 3) Multiply 3 times 166 (= 498) Subtract 498 from 577 (= 79) Bring down the 5 Divide 166 into 795 (= 4) Multiply 4 times 166 (= 664) Subtract 664 from 795 (= 131) Done. No more numbers to bring down.</div></div></div>
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