

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>62 $\overline{) 92326}$</div>	(2) <div>77 $\overline{) 93799}$</div>	(3) <div>62 $\overline{) 17692}$</div>
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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<div>(1)<div><div>1489 R8</div><div>62<div>92326</div><div><div>- 62<div>(1 x 62)</div></div><div>303</div><div><div>- 248<div>(4 x 62)</div></div></div><div>552</div><div><div>- 496<div>(8 x 62)</div></div></div><div>566</div><div><div>- 558<div>(9 x 62)</div></div></div></div><div>Remainder --> 8</div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 62 into 92 (= 1) Multiply 1 times 62 (= 62) Subtract 62 from 92 (= 30) Bring down the 3</div><div>Divide 62 into 303 (= 4) Multiply 4 times 62 (= 248) Subtract 248 from 303 (= 55) Bring down the 2</div><div>Divide 62 into 552 (= 8) Multiply 8 times 62 (= 496) Subtract 496 from 552 (= 56) Bring down the 6</div><div>Divide 62 into 566 (= 9) Multiply 9 times 62 (= 558) Subtract 558 from 566 (= 8) Done. No more numbers to bring down.</div></div></div></div>	<div>(2)<div><div>1218 R13</div><div>77<div>93799</div><div><div>- 77<div>(1 x 77)</div></div><div>167</div><div><div>- 154<div>(2 x 77)</div></div></div><div>139</div><div><div>- 77<div>(1 x 77)</div></div></div><div>629</div><div><div>- 616<div>(8 x 77)</div></div></div></div><div>Remainder --> 13</div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 77 into 93 (= 1) Multiply 1 times 77 (= 77) Subtract 77 from 93 (= 16) Bring down the 7</div><div>Divide 77 into 167 (= 2) Multiply 2 times 77 (= 154) Subtract 154 from 167 (= 13) Bring down the 9</div><div>Divide 77 into 139 (= 1) Multiply 1 times 77 (= 77) Subtract 77 from 139 (= 62) Bring down the 9</div><div>Divide 77 into 629 (= 8) Multiply 8 times 77 (= 616) Subtract 616 from 629 (= 13) Done. No more numbers to bring down.</div></div></div></div>	<div>(3)<div><div>285 R22</div><div>62<div>17692</div><div><div>- 124<div>(2 x 62)</div></div><div>529</div><div><div>- 496<div>(8 x 62)</div></div></div><div>332</div><div><div>- 310<div>(5 x 62)</div></div></div></div><div>Remainder --> 22</div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 62 into 176 (= 2) Multiply 2 times 62 (= 124) Subtract 124 from 176 (= 52) Bring down the 9</div><div>Divide 62 into 529 (= 8) Multiply 8 times 62 (= 496) Subtract 496 from 529 (= 33) Bring down the 2</div><div>Divide 62 into 332 (= 5) Multiply 5 times 62 (= 310) Subtract 310 from 332 (= 22) Done. No more numbers to bring down.</div></div></div></div>
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