

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

(1)

$$452 \overline{)17793}$$

(2)

$$973 \overline{)63997}$$

(3)

$$642 \overline{)19486}$$

(4)

$$927 \overline{)37333}$$

(5)

$$289 \overline{)87540}$$

(6)

$$805 \overline{)52212}$$

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"

<p>(1)</p> $ \begin{array}{r} \overline{) 17793} \quad 39 \text{ R}165 \\ \underline{452 1356} \quad (3 \times 452) \\ 4233 \\ \underline{ 4068} \quad (9 \times 452) \\ 165 \\ \text{Remainder -->} \quad 165 \end{array} $	<p>(2)</p> $ \begin{array}{r} \overline{) 63997} \quad 65 \text{ R}752 \\ \underline{973 5838} \quad (6 \times 973) \\ 5617 \\ \underline{ 4865} \quad (5 \times 973) \\ 752 \\ \text{Remainder -->} \quad 752 \end{array} $	<p>(3)</p> $ \begin{array}{r} \overline{) 19486} \quad 30 \text{ R}226 \\ \underline{642 1926} \quad (3 \times 642) \\ 226 \\ \underline{ 0} \quad (0 \times 642) \\ 226 \\ \text{Remainder -->} \quad 226 \end{array} $
<p>(4)</p> $ \begin{array}{r} \overline{) 37333} \quad 40 \text{ R}253 \\ \underline{927 3708} \quad (4 \times 927) \\ 253 \\ \underline{ 0} \quad (0 \times 927) \\ 253 \\ \text{Remainder -->} \quad 253 \end{array} $	<p>(5)</p> $ \begin{array}{r} \overline{) 87540} \quad 302 \text{ R}262 \\ \underline{289 867} \quad (3 \times 289) \\ 84 \\ \underline{ 0} \quad (0 \times 289) \\ 840 \\ \underline{ 578} \quad (2 \times 289) \\ 262 \\ \text{Remainder -->} \quad 262 \end{array} $	<p>(6)</p> $ \begin{array}{r} \overline{) 52212} \quad 64 \text{ R}692 \\ \underline{805 4830} \quad (6 \times 805) \\ 3912 \\ \underline{ 3220} \quad (4 \times 805) \\ 692 \\ \text{Remainder -->} \quad 692 \end{array} $