

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

(1)

$$970 \overline{)485489950}$$

(2)

$$915 \overline{)408503691}$$

(3)

$$911 \overline{)510485529}$$

(4)

$$112 \overline{)520583462}$$

(5)

$$995 \overline{)995586334}$$

(6)

$$925 \overline{)758413675}$$

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} 500505 \text{ R}100 \\ 970 \overline{) 485489950} \\ \underline{- 4850} \quad (5 \times 970) \\ 48 \\ \underline{- 0} \quad (0 \times 970) \\ 489 \\ \underline{- 0} \quad (0 \times 970) \\ 4899 \\ \underline{- 4850} \quad (5 \times 970) \\ 495 \\ \underline{- 0} \quad (0 \times 970) \\ 4950 \\ \underline{- 4850} \quad (5 \times 970) \\ \text{Remainder -->} \quad 100 \end{array} $	<p>(2)</p> $ \begin{array}{r} 446452 \text{ R}111 \\ 915 \overline{) 408503691} \\ \underline{- 3660} \quad (4 \times 915) \\ 4250 \\ \underline{- 3660} \quad (4 \times 915) \\ 5903 \\ \underline{- 5490} \quad (6 \times 915) \\ 4136 \\ \underline{- 3660} \quad (4 \times 915) \\ 4769 \\ \underline{- 4575} \quad (5 \times 915) \\ 1941 \\ \underline{- 1830} \quad (2 \times 915) \\ \text{Remainder -->} \quad 111 \end{array} $	<p>(3)</p> $ \begin{array}{r} 560357 \text{ R}302 \\ 911 \overline{) 510485529} \\ \underline{- 4555} \quad (5 \times 911) \\ 5498 \\ \underline{- 5466} \quad (6 \times 911) \\ 325 \\ \underline{- 0} \quad (0 \times 911) \\ 3255 \\ \underline{- 2733} \quad (3 \times 911) \\ 5222 \\ \underline{- 4555} \quad (5 \times 911) \\ 6679 \\ \underline{- 6377} \quad (7 \times 911) \\ \text{Remainder -->} \quad 302 \end{array} $
<p>(4)</p> $ \begin{array}{r} 4648066 \text{ R}70 \\ 112 \overline{) 520583462} \\ \underline{- 448} \quad (4 \times 112) \\ 725 \\ \underline{- 672} \quad (6 \times 112) \\ 538 \\ \underline{- 448} \quad (4 \times 112) \\ 903 \\ \underline{- 896} \quad (8 \times 112) \\ 74 \\ \underline{- 0} \quad (0 \times 112) \\ 746 \\ \underline{- 672} \quad (6 \times 112) \\ 742 \\ \underline{- 672} \quad (6 \times 112) \\ \text{Remainder -->} \quad 70 \end{array} $	<p>(5)</p> $ \begin{array}{r} 1000589 \text{ R}279 \\ 995 \overline{) 995586334} \\ \underline{- 995} \quad (1 \times 995) \\ 05 \\ \underline{- 0} \quad (0 \times 995) \\ 58 \\ \underline{- 0} \quad (0 \times 995) \\ 586 \\ \underline{- 0} \quad (0 \times 995) \\ 5863 \\ \underline{- 4975} \quad (5 \times 995) \\ 8883 \\ \underline{- 7960} \quad (8 \times 995) \\ 9234 \\ \underline{- 8955} \quad (9 \times 995) \\ \text{Remainder -->} \quad 279 \end{array} $	<p>(6)</p> $ \begin{array}{r} 819906 \text{ R}625 \\ 925 \overline{) 758413675} \\ \underline{- 7400} \quad (8 \times 925) \\ 1841 \\ \underline{- 925} \quad (1 \times 925) \\ 9163 \\ \underline{- 8325} \quad (9 \times 925) \\ 8386 \\ \underline{- 8325} \quad (9 \times 925) \\ 617 \\ \underline{- 0} \quad (0 \times 925) \\ 6175 \\ \underline{- 5550} \quad (6 \times 925) \\ \text{Remainder -->} \quad 625 \end{array} $