

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

(1)

$$482693 \overline{) 627672448}$$

(2)

$$129731 \overline{) 755205543}$$

(3)

$$187292 \overline{) 363732794}$$

(4)

$$532959 \overline{) 950292659}$$

(5)

$$988784 \overline{) 316525634}$$

(6)

$$473017 \overline{) 915922473}$$

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}  \phantom{482693} \overline{) 627672448} \\  \underline{482693} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  1449794 \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \underline{1448079} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  17154 \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \phantom{17154} \underline{0} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  171548 \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \phantom{171548} \phantom{000000} \underline{0} \phantom{000000} \phantom{000000} \phantom{000000} \\  \text{Remainder -->} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} 171548  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  \phantom{129731} \overline{) 755205543} \\  \underline{648655} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  1065505 \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \underline{1037848} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  276574 \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \phantom{276574} \underline{259462} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  171123 \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \phantom{171123} \underline{129731} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \text{Remainder -->} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} 41392  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  \phantom{187292} \overline{) 363732794} \\  \underline{187292} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  1764407 \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \underline{1685628} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  787799 \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \phantom{787799} \underline{749168} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  386314 \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \phantom{386314} \underline{374584} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \text{Remainder -->} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} 11730  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  \phantom{532959} \overline{) 950292659} \\  \underline{532959} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  4173336 \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \underline{3730713} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  4426235 \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \phantom{4426235} \underline{4263672} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  1625639 \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \phantom{1625639} \underline{1598877} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \text{Remainder -->} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} 26762  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  \phantom{988784} \overline{) 316525634} \\  \underline{2966352} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  1989043 \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \underline{1977568} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  114754 \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \phantom{114754} \underline{0} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \text{Remainder -->} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} 114754  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  \phantom{473017} \overline{) 915922473} \\  \underline{473017} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  4429054 \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \underline{4257153} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  1719017 \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \phantom{1719017} \underline{1419051} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  2999663 \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \phantom{2999663} \underline{2838102} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \\  \text{Remainder -->} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} \phantom{000000} 161561  \end{array}  $