

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

(1)

$$411188 \overline{) 233864729}$$

(2)

$$760744 \overline{) 874516732}$$

(3)

$$158004 \overline{) 966673792}$$

(4)

$$902729 \overline{) 947064310}$$

(5)

$$930881 \overline{) 981112228}$$

(6)

$$494621 \overline{) 302677699}$$

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{411188} \overline{) 233864729} \\  411188 \overline{) 233864729} \\  \underline{- 2055940} \quad (5 \times 411188) \\  2827072 \\  \underline{- 2467128} \quad (6 \times 411188) \\  3599449 \\  \underline{- 3289504} \quad (8 \times 411188) \\  \text{Remainder -->} \quad 309945  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  \phantom{760744} \overline{) 874516732} \\  760744 \overline{) 874516732} \\  \underline{- 760744} \quad (1 \times 760744) \\  1137727 \\  \underline{- 760744} \quad (1 \times 760744) \\  3769833 \\  \underline{- 3042976} \quad (4 \times 760744) \\  7268572 \\  \underline{- 6846696} \quad (9 \times 760744) \\  \text{Remainder -->} \quad 421876  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  \phantom{158004} \overline{) 966673792} \\  158004 \overline{) 966673792} \\  \underline{- 948024} \quad (6 \times 158004) \\  186497 \\  \underline{- 158004} \quad (1 \times 158004) \\  284939 \\  \underline{- 158004} \quad (1 \times 158004) \\  1269352 \\  \underline{- 1264032} \quad (8 \times 158004) \\  \text{Remainder -->} \quad 5320  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  \phantom{902729} \overline{) 947064310} \\  902729 \overline{) 947064310} \\  \underline{- 902729} \quad (1 \times 902729) \\  443353 \\  \underline{- 0} \quad (0 \times 902729) \\  4433531 \\  \underline{- 3610916} \quad (4 \times 902729) \\  8226150 \\  \underline{- 8124561} \quad (9 \times 902729) \\  \text{Remainder -->} \quad 101589  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  \phantom{930881} \overline{) 981112228} \\  930881 \overline{) 981112228} \\  \underline{- 930881} \quad (1 \times 930881) \\  502312 \\  \underline{- 0} \quad (0 \times 930881) \\  5023122 \\  \underline{- 4654405} \quad (5 \times 930881) \\  3687178 \\  \underline{- 2792643} \quad (3 \times 930881) \\  \text{Remainder -->} \quad 894535  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  \phantom{494621} \overline{) 302677699} \\  494621 \overline{) 302677699} \\  \underline{- 2967726} \quad (6 \times 494621) \\  590509 \\  \underline{- 494621} \quad (1 \times 494621) \\  958889 \\  \underline{- 494621} \quad (1 \times 494621) \\  \text{Remainder -->} \quad 464268  \end{array}  $