

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

(1)

$$6 \overline{)233}$$

(2)

$$9 \overline{)604}$$

(3)

$$8 \overline{)448}$$

(4)

$$2 \overline{)638}$$

(5)

$$6 \overline{)840}$$

(6)

$$7 \overline{)607}$$

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}  38 \text{ R}5 \\  6 \overline{) 233} \\  \underline{- 18} \qquad (3 \times 6) \\  53 \\  \underline{- 48} \qquad (8 \times 6) \\  \text{Remainder --> } 5  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  67 \text{ R}1 \\  9 \overline{) 604} \\  \underline{- 54} \qquad (6 \times 9) \\  64 \\  \underline{- 63} \qquad (7 \times 9) \\  \text{Remainder --> } 1  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  56 \text{ R}0 \\  8 \overline{) 448} \\  \underline{- 40} \qquad (5 \times 8) \\  48 \\  \underline{- 48} \qquad (6 \times 8) \\  \text{Remainder --> } 0  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  319 \text{ R}0 \\  2 \overline{) 638} \\  \underline{- 6} \qquad (3 \times 2) \\  03 \\  \underline{- 2} \qquad (1 \times 2) \\  18 \\  \underline{- 18} \qquad (9 \times 2) \\  \text{Remainder --> } 0  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  140 \text{ R}0 \\  6 \overline{) 840} \\  \underline{- 6} \qquad (1 \times 6) \\  24 \\  \underline{- 24} \qquad (4 \times 6) \\  00 \\  \underline{- 0} \qquad (0 \times 6) \\  \text{Remainder --> } 0  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  86 \text{ R}5 \\  7 \overline{) 607} \\  \underline{- 56} \qquad (8 \times 7) \\  47 \\  \underline{- 42} \qquad (6 \times 7) \\  \text{Remainder --> } 5  \end{array}  $