

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

(1)

$$472 \overline{)20698}$$

(2)

$$577 \overline{)23168}$$

(3)

$$935 \overline{)72848}$$

(4)

$$767 \overline{)15042}$$

(5)

$$314 \overline{)95159}$$

(6)

$$878 \overline{)17137}$$

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{472} \overline{43 \text{ R}402} \\  472 \overline{)20698} \\  \underline{- 1888} \qquad (4 \times 472) \\  1818 \\  \underline{- 1416} \qquad (3 \times 472) \\  \text{Remainder --> } 402  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  \phantom{577} \overline{40 \text{ R}88} \\  577 \overline{)23168} \\  \underline{- 2308} \qquad (4 \times 577) \\  88 \\  \underline{- 0} \qquad (0 \times 577) \\  \text{Remainder --> } 88  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  \phantom{935} \overline{77 \text{ R}853} \\  935 \overline{)72848} \\  \underline{- 6545} \qquad (7 \times 935) \\  7398 \\  \underline{- 6545} \qquad (7 \times 935) \\  \text{Remainder --> } 853  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  \phantom{767} \overline{19 \text{ R}469} \\  767 \overline{)15042} \\  \underline{- 767} \qquad (1 \times 767) \\  7372 \\  \underline{- 6903} \qquad (9 \times 767) \\  \text{Remainder --> } 469  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  \phantom{314} \overline{303 \text{ R}17} \\  314 \overline{)95159} \\  \underline{- 942} \qquad (3 \times 314) \\  95 \\  \underline{- 0} \qquad (0 \times 314) \\  959 \\  \underline{- 942} \qquad (3 \times 314) \\  \text{Remainder --> } 17  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  \phantom{878} \overline{19 \text{ R}455} \\  878 \overline{)17137} \\  \underline{- 878} \qquad (1 \times 878) \\  8357 \\  \underline{- 7902} \qquad (9 \times 878) \\  \text{Remainder --> } 455  \end{array}  $