

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

(1)

$$64 \overline{) 33572}$$

(2)

$$41 \overline{) 78335}$$

(3)

$$44 \overline{) 76548}$$

(4)

$$74 \overline{) 62832}$$

(5)

$$97 \overline{) 46197}$$

(6)

$$47 \overline{) 37746}$$

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"

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|--|--|---|
| <p>(1)</p> $  \begin{array}{r}  \phantom{64} \overline{) 33572} \quad \text{R36} \\  \underline{- 320} \quad (5 \times 64) \\  157 \\  \underline{- 128} \quad (2 \times 64) \\  292 \\  \underline{- 256} \quad (4 \times 64) \\  \text{Remainder -->} \quad 36  \end{array}  $ | <p>(2)</p> $  \begin{array}{r}  \phantom{41} \overline{) 78335} \quad \text{R25} \\  \underline{- 41} \quad (1 \times 41) \\  373 \\  \underline{- 369} \quad (9 \times 41) \\  43 \\  \underline{- 41} \quad (1 \times 41) \\  25 \\  \underline{- 0} \quad (0 \times 41) \\  \text{Remainder -->} \quad 25  \end{array}  $ | <p>(3)</p> $  \begin{array}{r}  \phantom{44} \overline{) 76548} \quad \text{R32} \\  \underline{- 44} \quad (1 \times 44) \\  325 \\  \underline{- 308} \quad (7 \times 44) \\  174 \\  \underline{- 132} \quad (3 \times 44) \\  428 \\  \underline{- 396} \quad (9 \times 44) \\  \text{Remainder -->} \quad 32  \end{array}  $ |
| <p>(4)</p> $  \begin{array}{r}  \phantom{74} \overline{) 62832} \quad \text{R6} \\  \underline{- 592} \quad (8 \times 74) \\  363 \\  \underline{- 296} \quad (4 \times 74) \\  672 \\  \underline{- 666} \quad (9 \times 74) \\  \text{Remainder -->} \quad 6  \end{array}  $   | <p>(5)</p> $  \begin{array}{r}  \phantom{97} \overline{) 46197} \quad \text{R25} \\  \underline{- 388} \quad (4 \times 97) \\  739 \\  \underline{- 679} \quad (7 \times 97) \\  607 \\  \underline{- 582} \quad (6 \times 97) \\  \text{Remainder -->} \quad 25  \end{array}  $   | <p>(6)</p> $  \begin{array}{r}  \phantom{47} \overline{) 37746} \quad \text{R5} \\  \underline{- 376} \quad (8 \times 47) \\  14 \\  \underline{- 0} \quad (0 \times 47) \\  146 \\  \underline{- 141} \quad (3 \times 47) \\  \text{Remainder -->} \quad 5  \end{array}  $   |