Operations on Whole Numbers Ex 4.4 Q4

Answer :

(i) 7777 ÷ 58 = 134

$$
\begin{array}{r|l}
 & 134 \\
\hline
58 & 7772 \\
 & -58\downarrow \\
\cline{2-2}
 & 197 \\
 & -174\downarrow \\
\cline{2-2}
 & 232 \\
 & -232 \\
\cline{2-2}
 & 0 \\
\cline{2-2}
\end{array}
$$

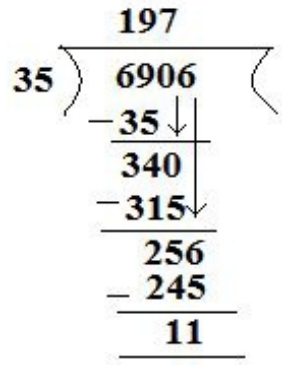
Verification: [Dividend = Divisor × Quotient + Remainder]

$7772 = 58 \times 134 + 0$

$7772 = 7772$

LHS = RHS

(ii) 6906 ÷ 35 gives quotient = 197 and remainder = 11.



Verification: [Dividend = Divisor × Quotient + Remainder]

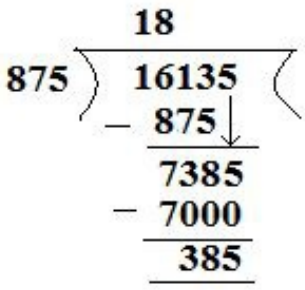
6906 = 35 × 197 + 11

6906 = 6895 + 11

6906 = 6906

LHS = RHS

(iii) 16135 ÷ 875 gives quotient = 18 and remainder = 385.



Verification: [Dividend = Divisor × Quotient + Remainder]

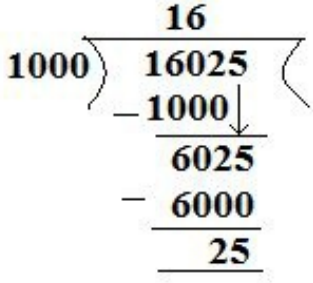
16135 = 875 × 18 + 385

16135 = 15750 + 385

16135 = 16135

LHS = RHS

(iv) 16025 ÷ 1000 gives quotient = 16 and remainder = 25.



Verification: [Dividend = Divisor × Quotient + Remainder]

16025 = 1000 × 16 + 25

16025 = 16000 + 25

16025 = 16025

LHS = RHS

Operations on Whole Numbers Ex 4.4 Q5

Answer :

$$\text{Dividend} = \text{Divisor} \times \text{Quotient} + \text{Remainder}$$

$$\text{Dividend} = 35 \times 20 + 18$$

$$= 700 + 18$$

$$= 718$$

********** END **********