



Operations on Whole Numbers Ex 4.4 Q6

Answer :

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

$$\text{Dividend} = 58 \times 40 + 31$$

$$= 2320 + 31$$

$$= 2351$$

Operations on Whole Numbers Ex 4.4 Q7

Answer :

$$\text{Product of two numbers} = 504347$$

$$\text{One of the two numbers} = 1591$$

Let the number be A.

$$\therefore A \times 1591 = 504347$$

$$A = \frac{504347}{1591} = 317$$

$$\begin{array}{r} 317 \\ 1591 \overline{) 504347} \\ \underline{4773} \\ 2704 \\ \underline{1591} \\ 11137 \\ \underline{11137} \\ 0 \end{array}$$

Operations on Whole Numbers Ex 4.4 8Q

Answer :

$$\text{Dividend} = 59761$$

$$\text{Quotient} = 189$$

$$\text{Remainder} = 37$$

$$\text{Divisor} = A$$

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

$$59761 = A \times 189 + 37$$

$$59761 - 37 = A \times 189$$

$$59724 = A \times 189$$

$$\therefore A = \frac{59724}{189} = 316$$

Operations on Whole Numbers Ex 4.4 Q9

Answer :

$$\text{Dividend} = 55390$$

$$\text{Divisor} = 299$$

$$\text{Remainder} = 75$$

$$\text{Quotient} = A$$

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

$$55390 = 299 \times A + 75$$

$$55390 - 75 = A \times 299$$

$$55315 = A \times 299$$

$$\therefore A = \frac{55315}{299} = 185$$

***** END *****