

CLASS-5TH

SUBJECT-MATHEMATICS

Ex. 2.4

Q4- Find the quotient and remainder and check the answer in each of the following.

(a) $275940 \div 132$

$$\begin{array}{r}
 132 \overline{) 275940} \quad (2090 \\
 \underline{- 264} \\
 01194 \\
 \underline{- 1188} \\
 00060 \\
 \underline{0} \\
 \underline{60}
 \end{array}$$

check.

Dividend = Divisor \times Quotient + Remainder
 $275940 = 132 \times 2090 + 60$
 $275940 = 275880 + 60$
 $275940 = 275940$

Hence, checked.

(b) $189726 \div 257$

$$\begin{array}{r}
 257 \overline{) 189726} \quad (738 \\
 \underline{- 1799} \\
 0982 \\
 \underline{- 771} \\
 2116 \\
 \underline{- 2056} \\
 0060
 \end{array}$$

check.

Dividend = Divisor \times Quotient + Remainder
 $189726 = 257 \times 738 + 60$
 $189726 = 189666 + 60$
 $189726 = 189726$

Hence, checked.

Q5 20985 books - - - - - be left?

Sol: No. of books packed in 136 bundles = 20985
No. of books packed in 1 bundle = $20985 \div 136$
= 154

$$\begin{array}{r}
 136 \overline{) 20985} \quad (154 \\
 \underline{- 136} \\
 0738 \\
 \underline{680} \\
 \underline{0585} \\
 \underline{544} \\
 \underline{41}
 \end{array}$$

Hence, each bundle carry 154 books and 41 books will be left.

