

ACTIVITY – 4

Q-1. Divide and check :

$$\begin{array}{r} 1. \quad 4787 \div 9 \qquad 9 \overline{) 4787} \quad 531 \\ \qquad \qquad \qquad \quad 45 \\ \qquad \qquad \qquad \quad \hline \qquad \qquad \qquad \quad 28 \\ \qquad \qquad \qquad \quad -27 \\ \qquad \qquad \qquad \quad \hline \qquad \qquad \qquad \quad 17 \\ \qquad \qquad \qquad \quad -9 \\ \qquad \qquad \qquad \quad \hline \qquad \qquad \qquad \quad 8 \end{array}$$

Check : Divisor x Quotient + Remainder

$$\begin{aligned} &= 9 \times 531 + 8 \\ &= 4779 + 8 \\ &= 4787 = \text{Dividend} \end{aligned}$$

$$\begin{array}{r} 2. \quad 13865 \div 6 \qquad 6 \overline{) 13865} \quad 2310 \\ \qquad \qquad \qquad \quad 12 \\ \qquad \qquad \qquad \quad \hline \qquad \qquad \qquad \quad 18 \\ \qquad \qquad \qquad \quad -18 \\ \qquad \qquad \qquad \quad \hline \qquad \qquad \qquad \quad 6 \\ \qquad \qquad \qquad \quad -6 \\ \qquad \qquad \qquad \quad \hline \qquad \qquad \qquad \quad 5 \end{array}$$

Check : Divisor x Quotient + Remainder

$$\begin{aligned} &= 6 \times 2310 + 5 \\ &= 13860 + 5 \\ &= 13865 = \text{Dividend} \end{aligned}$$

$$\begin{array}{r} 3. \quad 62817 \div 9 \qquad 9 \overline{) 62817} \quad 6979 \\ \qquad \qquad \qquad \quad 54 \\ \qquad \qquad \qquad \quad \hline \qquad \qquad \qquad \quad 88 \\ \qquad \qquad \qquad \quad -81 \\ \qquad \qquad \qquad \quad \hline \qquad \qquad \qquad \quad 71 \\ \qquad \qquad \qquad \quad -63 \\ \qquad \qquad \qquad \quad \hline \qquad \qquad \qquad \quad 87 \\ \qquad \qquad \qquad \quad -81 \\ \qquad \qquad \qquad \quad \hline \qquad \qquad \qquad \quad 6 \end{array}$$

Check : Divisor x Quotient + Remainder

$$\begin{aligned} &= 9 \times 6979 + 6 \\ &= 62811 + 6 \\ &= 62817 = \text{Dividend} \end{aligned}$$

$$6.. \quad 759 \div 15 \quad 15 \overline{) 759} \quad 50$$
$$\begin{array}{r} 75 \\ \hline 9 \end{array}$$

Check : Divisor x Quotient + Remainder

$$\begin{aligned} &= 15 \times 50 + 9 \\ &= 750 + 9 \\ &= 759 = \text{Dividend} \end{aligned}$$

$$7. \quad 4287 \div 21 \quad 21 \overline{) 4287} \quad 204$$
$$\begin{array}{r} 42 \\ \hline 87 \\ -84 \\ \hline 3 \end{array}$$

Check : Divisor x Quotient + Remainder

$$\begin{aligned} &= 21 \times 204 + 3 \\ &= 4284 + 3 \\ &= 4287 = \text{Dividend} \end{aligned}$$