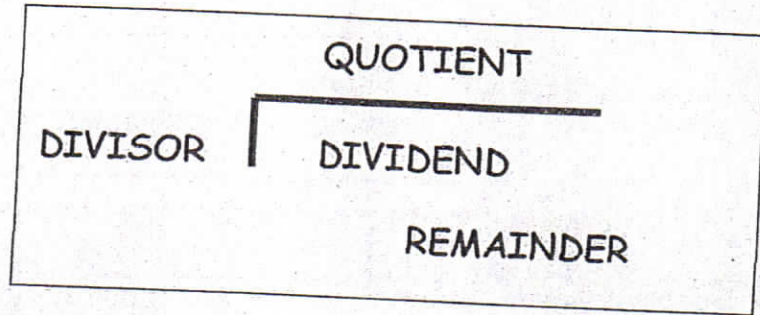


✓ LONG DIVISION

When dividing all pupils, parents and teachers are requested to use the following agreed wording.

Terms:



1

$$\begin{array}{r} \overline{38 \overline{) 812}} \end{array}$$

Round divisor and 2 numbers of dividend. (If the first two numbers of the dividend are less than the divisor use 3 numbers).

$$\begin{array}{r} \overline{38 \overline{) 812}} \end{array}$$

Estimate

$$40 \overline{) 80} = 2$$

or

$$\begin{array}{r} \overline{26 \overline{) 112}} \end{array}$$

Estimate

$$30 \overline{) 100} = 3$$

2

$$\begin{array}{r} 38 \\ \times 2 \\ \hline 76 \end{array}$$

Multiply divisor (ie 38) by estimate (2)

Is there another group of 38 in the difference (ie between 76 and 81)?
No

$$\begin{array}{r}
 3 \quad 38 \overline{) 812} \\
 \underline{76} \\
 52
 \end{array}$$

Write answers 2 above and our answer when we multiplied 38 by 2

$$\begin{array}{r}
 4 \quad 38 \overline{) 812} \\
 \underline{76} \\
 5
 \end{array}$$

Subtract the product (ie 76) from 81

$$\begin{array}{r}
 5 \quad 38 \overline{) 812} \\
 \underline{76} \\
 52
 \end{array}$$

Bring down next number

$$\begin{array}{r}
 6 \quad \textcircled{38} \overline{) 812} \text{ Estimate} \\
 \underline{76} \\
 \textcircled{52}
 \end{array}$$

$$40 \overline{) 50} = 1$$

7 Repeat steps 2 - 4

$$\begin{array}{r}
 8 \quad 38 \overline{) 812} \\
 \underline{76} \\
 52 \\
 \underline{38} \\
 14
 \end{array}$$

Answer 21 r 14