

SESSION : 6
CLASS : 3
SUBJECT : MATHEMATICS
CHAPTER NUMBER: 6
CHAPTER NAME : DIVISION
SUBTOPIC : DIVISION BY A 2-DIGIT NUMBER

CHANGING YOUR TOMORROW

DIVISION

DIVISION BY A 2-DIGIT NUMBER

EXAMPLE :

DIVIDE

MULTIPLY

SUBTRACT

BRING DOWN

$$\begin{array}{r} 3 \\ 15 \overline{) 543} \end{array}$$

$$54 \div 15$$

$$\begin{array}{r} 3 \\ 15 \overline{) 543} \\ \underline{45} \end{array}$$

$$15 \times 3$$

$$\begin{array}{r} 3 \\ 15 \overline{) 543} \\ \underline{- 45} \\ 9 \end{array}$$

$$54 - 45$$

$$\begin{array}{r} 3 \\ 15 \overline{) 543} \\ \underline{- 45} \downarrow \\ 93 \end{array}$$

$$3 \downarrow$$

M
A
T
H
S



DIVISION

DIVISION BY A 2-DIGIT NUMBER

DIVIDE

MULTIPLY

SUBTRACT

BRING DOWN

$$\begin{array}{r} 36 \\ 15 \overline{) 543} \\ - 45 \\ \hline 93 \end{array}$$

$$93 \div 15$$

$$\begin{array}{r} 36 \\ 15 \overline{) 543} \\ - 45 \\ \hline 93 \\ - 90 \\ \hline 3 \end{array}$$

$$15 \times 6$$

$$\begin{array}{r} 36 \\ 15 \overline{) 543} \\ - 45 \\ \hline 93 \\ - 90 \\ \hline 3 \end{array}$$

$$93 - 90$$

As there is no more digits so there is nothing to bring down and 3 is the remainder.



DIVISION

DIVISION BY A 2-DIGIT NUMBER

Now let us see when you do not know the multiplication table of the divisor:

EXAMPLE : $963 \div 13$

$$\begin{array}{r} 74 \rightarrow Q \\ 13 \overline{) 963} \\ \underline{-91} \\ 53 \\ \underline{-52} \\ 1 \rightarrow R \end{array}$$

$$\begin{array}{r} 13 \\ \times 7 \\ \hline 91 \end{array}$$

$$\begin{array}{r} 13 \\ \times 4 \\ \hline 52 \end{array}$$



DIVISION

DIVISION BY A 2-DIGIT NUMBER

EXAMPLE : $749 \div 21$

$$\begin{array}{r} 35 \rightarrow Q \\ 21 \overline{) 749} \\ \underline{-63} \\ 119 \\ \underline{-105} \\ 14 \rightarrow R \end{array}$$

MATHS

$$\begin{array}{r} 21 \\ \times 3 \\ \hline 63 \end{array}$$

$$\begin{array}{r} 21 \\ \times 5 \\ \hline 105 \end{array}$$



DIVISION

DIVISION BY A 2-DIGIT NUMBER

**Exercise-6 B -Q.No A -7 to 12
bk. pg. 87
in notebook.**

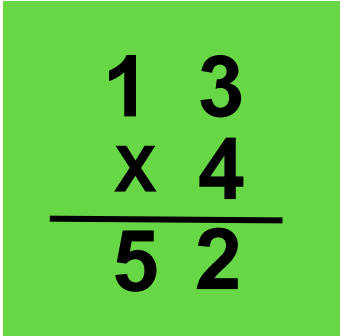


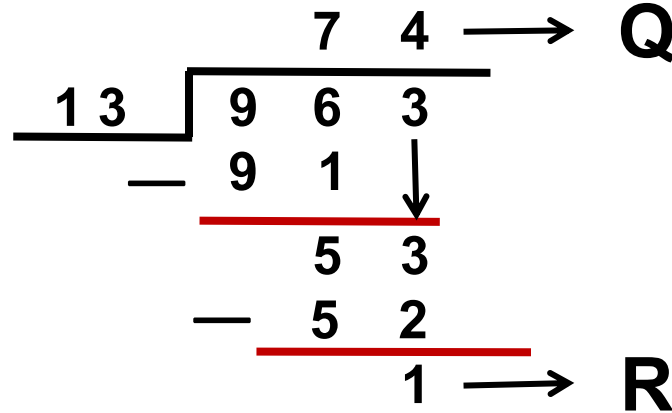
DIVISION

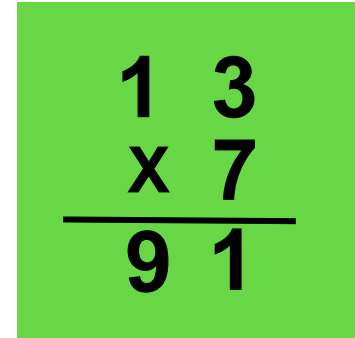
DIVISION BY A 2-DIGIT NUMBER

A. Divide the following in your notebook.

7) $963 \div 13$


$$\begin{array}{r} 13 \\ \times 4 \\ \hline 52 \end{array}$$


$$\begin{array}{r} 74 \longrightarrow \text{Q} \\ \underline{13} \overline{) 963} \\ \underline{91} \\ 53 \\ \underline{52} \\ 1 \longrightarrow \text{R} \end{array}$$


$$\begin{array}{r} 13 \\ \times 7 \\ \hline 91 \end{array}$$

DIVISION

DIVISION BY A 2-DIGIT NUMBER

$$8) 675 \div 32$$

$$\begin{array}{r} 32 \\ \times 1 \\ \hline 32 \end{array}$$

$$\begin{array}{r} 21 \longrightarrow Q \\ \underline{32} \overline{) 675} \\ \underline{64} \\ 35 \\ \underline{32} \\ 3 \longrightarrow R \end{array}$$

$$\begin{array}{r} 32 \\ \times 2 \\ \hline 64 \end{array}$$

DIVISION

DIVISION BY A 2-DIGIT NUMBER

$$9) 543 \div 15$$

$$\begin{array}{r} 15 \\ \times 6 \\ \hline 90 \end{array}$$

$$\begin{array}{r} 36 \rightarrow \text{Q} \\ \hline 15 \overline{) 543} \\ \underline{45} \\ 93 \\ \underline{90} \\ 3 \rightarrow \text{R} \end{array}$$

$$\begin{array}{r} 15 \\ \times 3 \\ \hline 45 \end{array}$$

DIVISION

DIVISION BY A 2-DIGIT NUMBER

$$11) 577 \div 23$$

$$\begin{array}{r} 23 \\ \times 5 \\ \hline 115 \end{array}$$

$$\begin{array}{r} 23 \overline{) 577} \\ \underline{46} \\ 117 \\ \underline{115} \\ 2 \end{array} \begin{array}{l} \longrightarrow Q \\ \\ \\ \\ \longrightarrow R \end{array}$$

$$\begin{array}{r} 23 \\ \times 2 \\ \hline 46 \end{array}$$

DIVISION

DIVISION BY A 2-DIGIT NUMBER

$$12) 742 \div 22$$

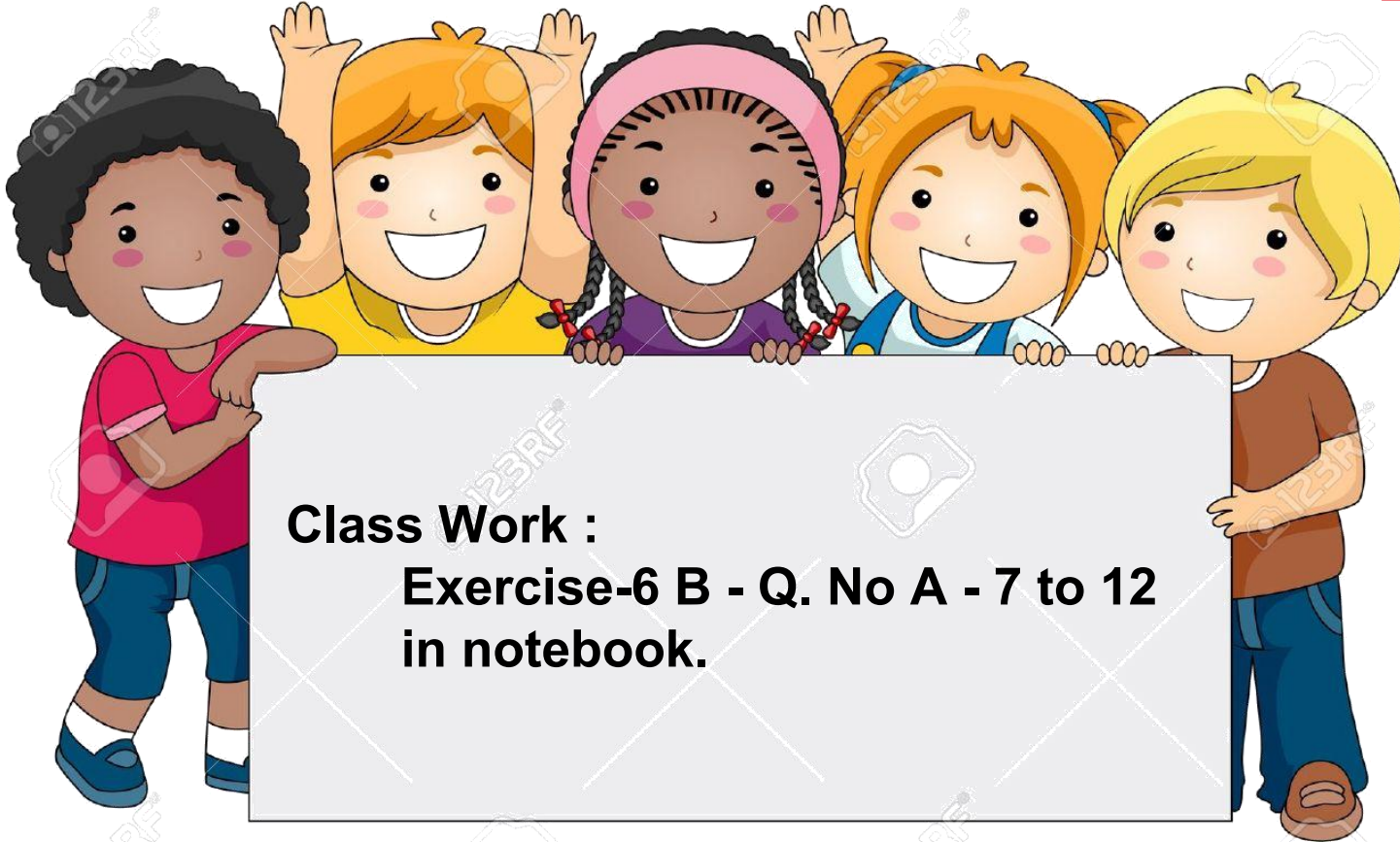
$$\begin{array}{r} 22 \\ \times 3 \\ \hline 66 \end{array}$$

$$\begin{array}{r} 33 \rightarrow \text{Q} \\ \underline{22} \overline{) 742} \\ \underline{66} \\ 82 \\ \underline{66} \\ 16 \rightarrow \text{R} \end{array}$$

$$\begin{array}{r} 22 \\ \times 3 \\ \hline 66 \end{array}$$

DIVISION

DIVISION BY A 2-DIGIT NUMBER



Class Work :

**Exercise-6 B - Q. No A - 7 to 12
in notebook.**

LEARNING OUTCOME:

Children are confident to determine that division is dividing objects into equal groups. Define these terms: dividend, divisor, and quotient. Recognize that division is the opposite of multiplication. Explain division. Perform division and divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context.



THANKING YOU
ODM EDUCATIONAL
GROUP