ODM EDUCATIONAL GROUP
Changing your Tomorrow

SESSION : 12
CLASS : 3
SUBJECT : MATHEMATICS
CHAPTER NUMBER: 6
CHAPTER NAME : DIVISION
SUBTOPIC : DIVISION BY A 2-DIGIT NUMBER

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LEARNING OBJECTIVE :

Children will :

***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.**

***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.**

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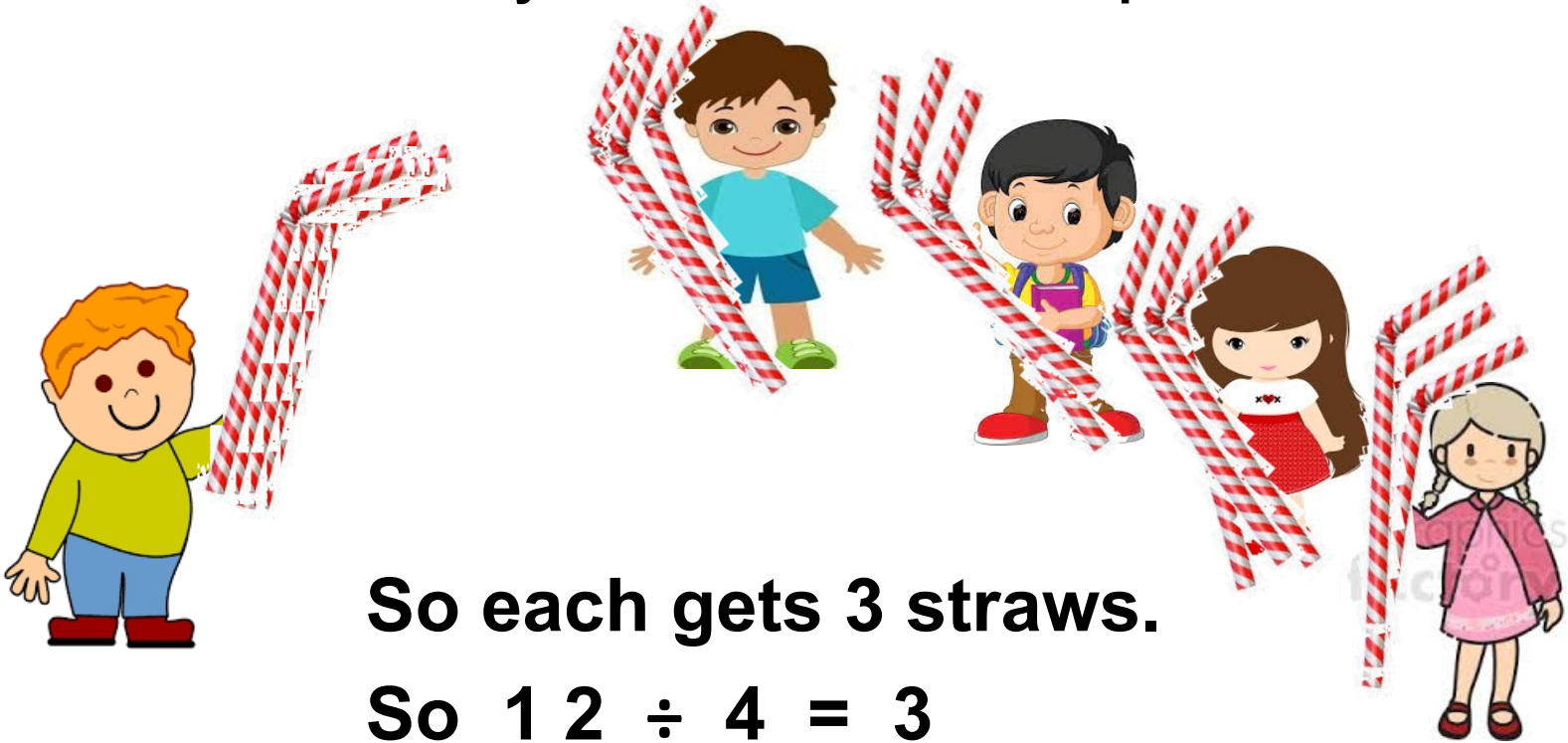
DIVISION

DIVISION BY A 2-DIGIT NUMBER

Let us see an activity on **DIVISION** means repeated **SUBTRACTION**.



So each gets 3 straws.

So 12 ÷ 4 = 3

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DIVISION

DIVISION BY A 2-DIGIT NUMBER

For example :

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How many five are there in twenty ????

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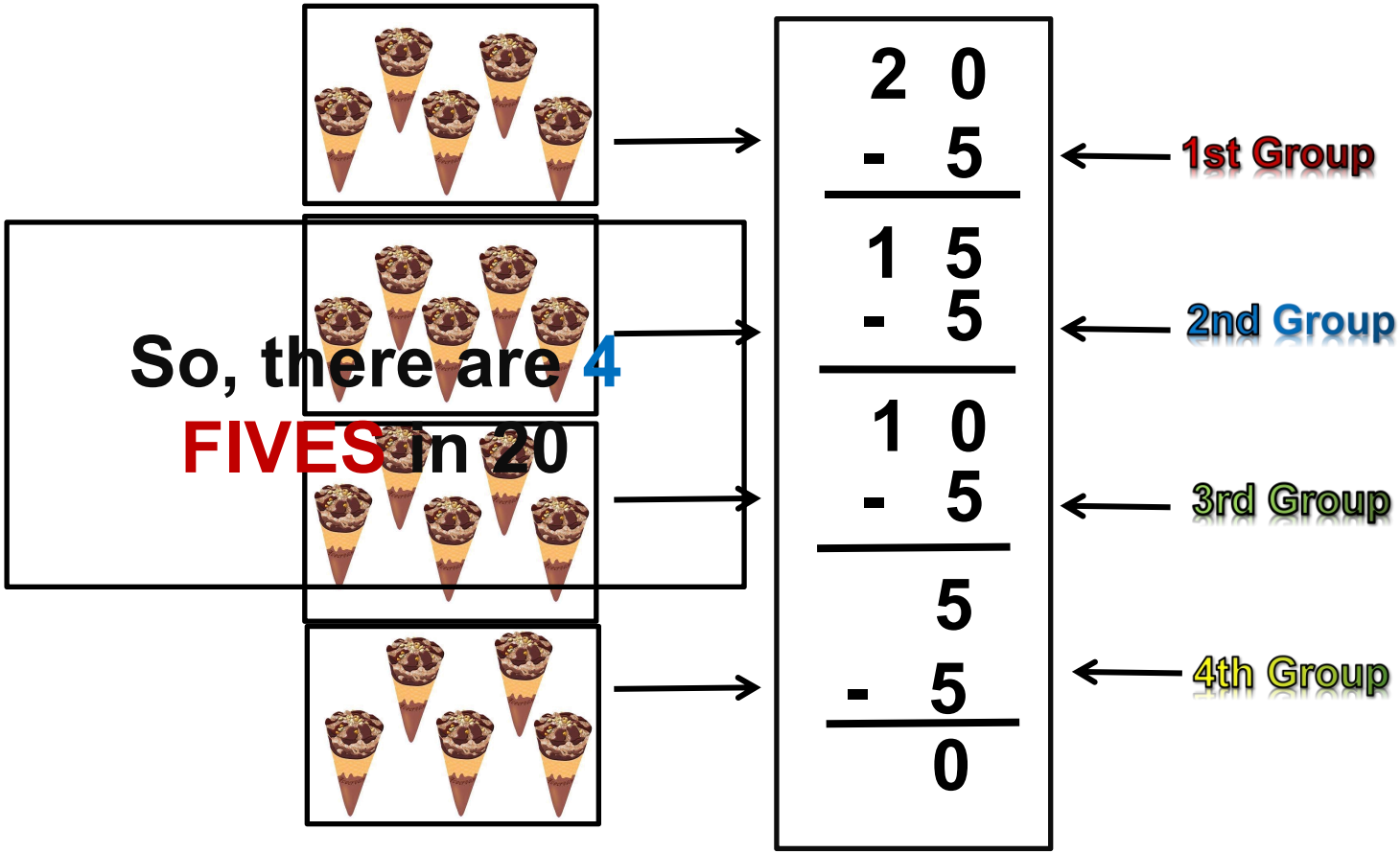

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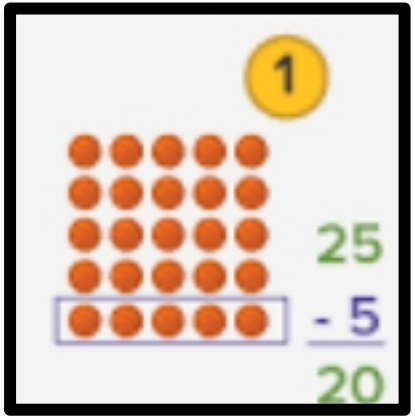
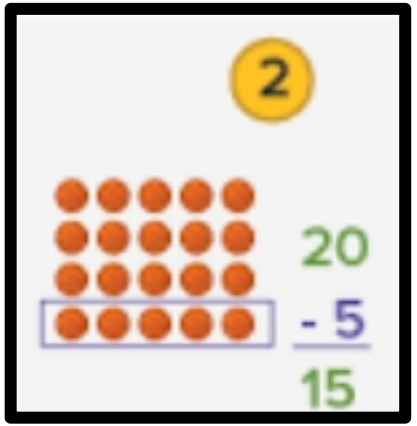
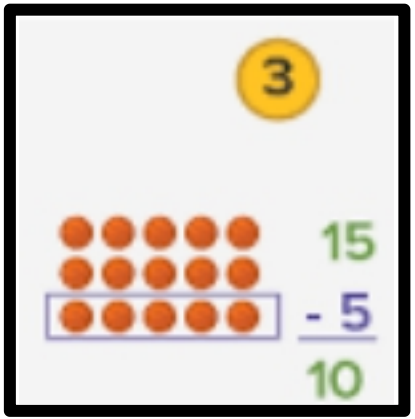
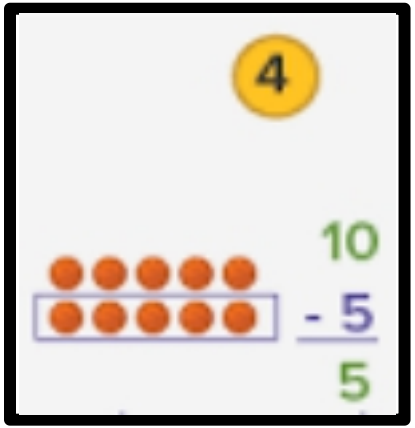
ACTIVITY

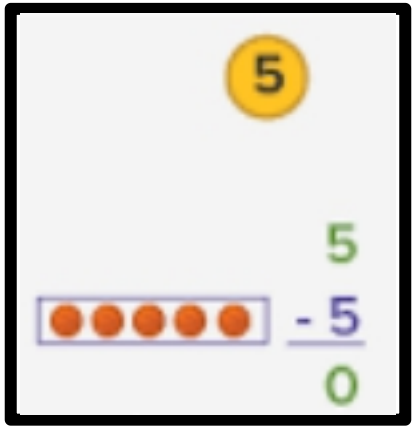
Can you say the steps which will follow next ??











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So each jar will have 4 toffees.

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MATHS

EXAMPLE :

DIVIDE	MULTIPLY	SUBTRACT	BRING DOWN
2 23) 4 8 7 6	2 23) 4 8 7 6 4 6	2 23) 4 8 7 6 - 4 6 2	2 23) 4 8 7 6 - 4 6 ↓ 2 7
48 ÷ 23	23 x 2	48 - 46	7 ↓

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MATHS

EXAMPLE :

DIVIDE	MULTIPLY	SUBTRACT	BRING DOWN

```
  2 1
23)4 8 7 6
 - 4 6
   2 7
```

27 ÷ 23

```
  2 1
23)4 8 7 6
 - 4 6
   2 7
   2 3
```

23 x 1

```
  2 1
23)4 8 7 6
 - 4 6
   2 7
 - 2 3
     4
```

27 - 23

```
  2 1
23)4 8 7 6
 - 4 6 ↓
   2 7
 - 2 3 ↓
     4 6
```

6 ↓

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DIVISION BY A 2-DIGIT NUMBER

EXAMPLE :

DIVIDE	MULTIPLY	SUBTRACT	BRING DOWN
2 1 2 23) 4 8 7 6 - 4 6 2 7 - 2 3 4 6	2 1 2 23) 4 8 7 6 - 4 6 2 7 - 2 3 4 6 4 6	2 1 2 23) 4 8 7 6 - 4 6 2 7 - 2 3 4 6 - 4 6 0	As there is no more digits so there is nothing to bring down
46 ÷ 23	23 x 2	46 - 46	

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Exercise-6 B - Q.No A -13 to 17
bk. pg. 87
in notebook.

MATHS

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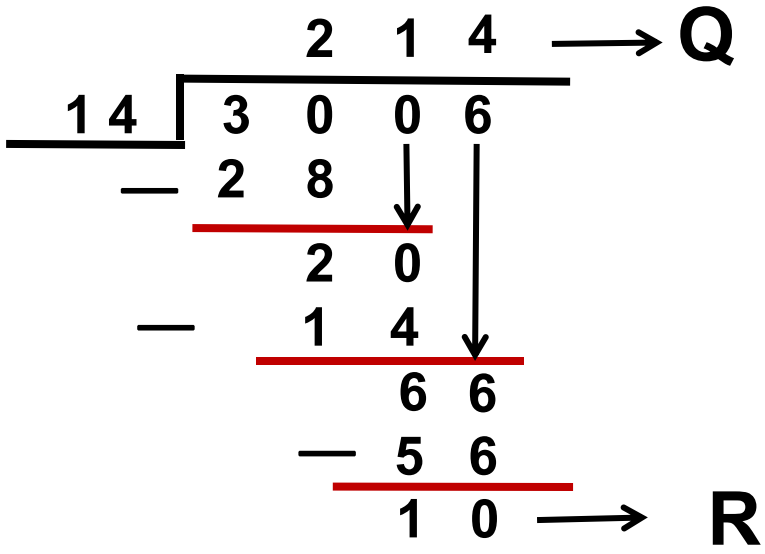
DIVISION

DIVISION BY A 2-DIGIT NUMBER

13) 3006 ÷ 14



$$\begin{array}{r} 14 \\ \times\ 1 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 14 \\ \times\ 4 \\ \hline 56 \end{array}$$

$$\begin{array}{r} 14 \\ \times\ 2 \\ \hline 28 \end{array}$$

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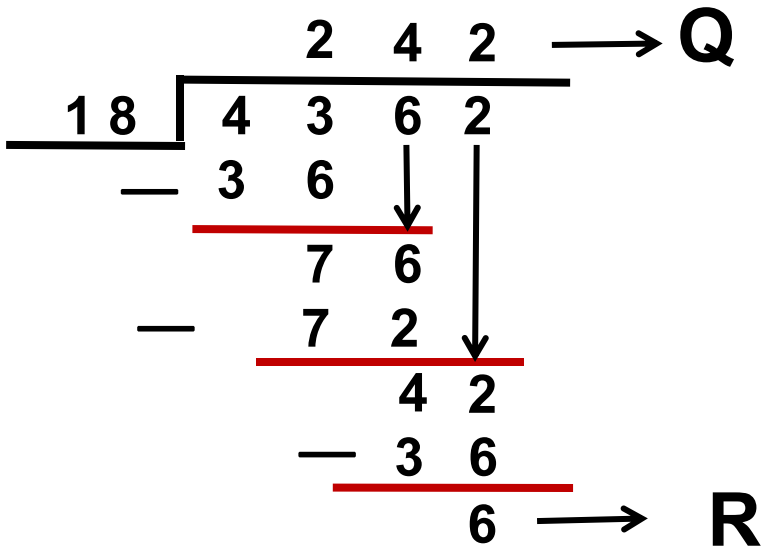
14) 4362 ÷ 18



$$\begin{array}{r} 18 \\ \times\ 4 \\ \hline 72 \end{array}$$

$$\begin{array}{r} 18 \\ \times\ 2 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 18 \\ \times\ 2 \\ \hline 36 \end{array}$$

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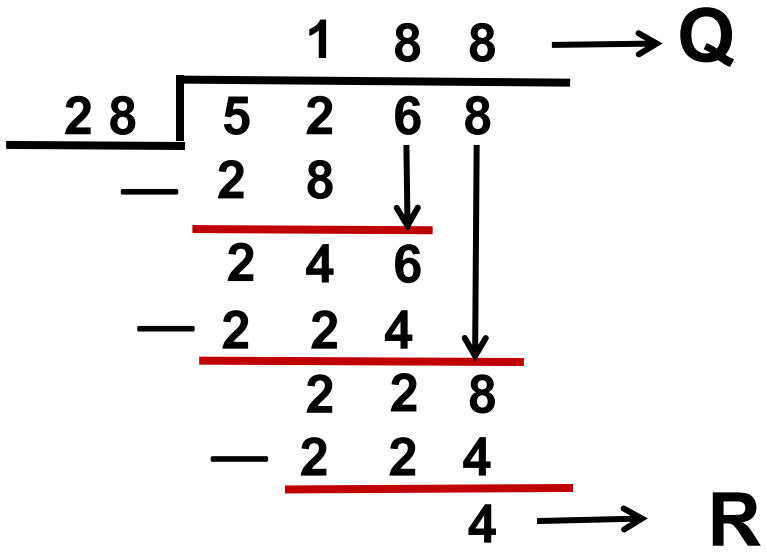
15) 5268 ÷ 28



$$\begin{array}{r} 28 \\ \times\ 8 \\ \hline 224 \end{array}$$

$$\begin{array}{r} 28 \\ \times\ 1 \\ \hline 28 \end{array}$$

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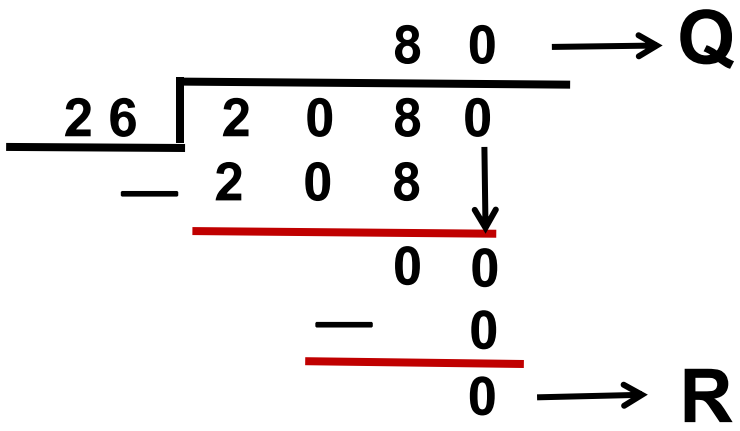
DIVISION BY A 2-DIGIT NUMBER

16) 2080 ÷ 26



	2	6
x		8
2	0	8

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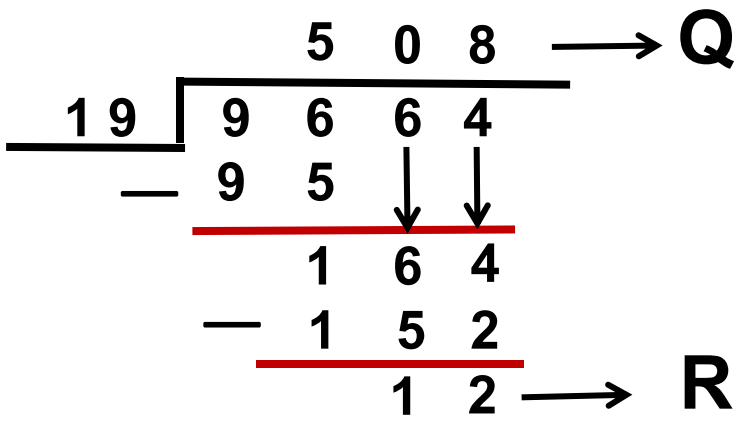
17) 9664 ÷ 19



$$\begin{array}{r} 19 \\ \times\ 8 \\ \hline 152 \end{array}$$

$$\begin{array}{r} 19 \\ \times\ 5 \\ \hline 95 \end{array}$$

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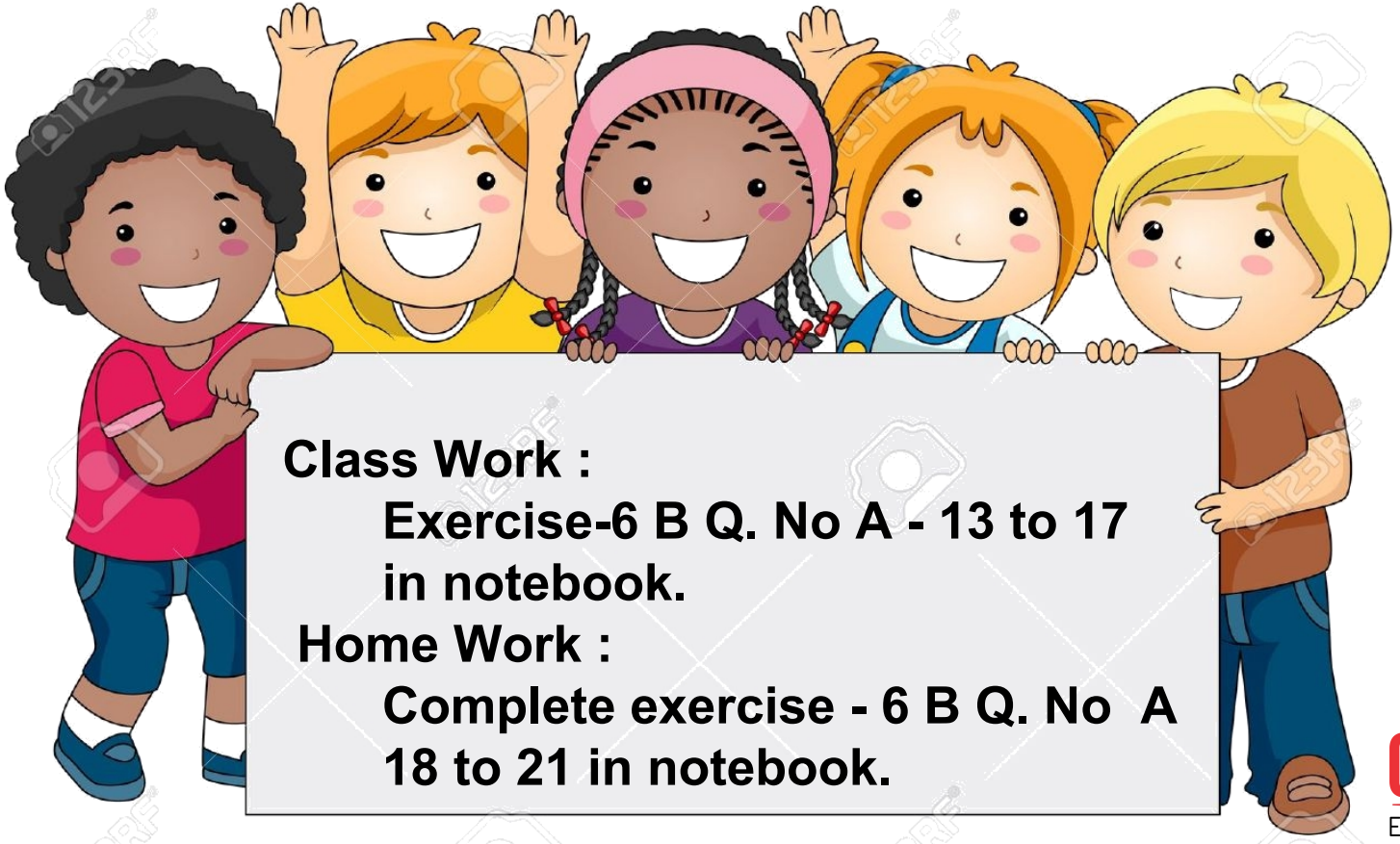

Class Work :

Exercise-6 B Q. No A - 13 to 17 in notebook.

Home Work :

Complete exercise - 6 B Q. No A 18 to 21 in notebook.

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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.

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