ODM EDUCATIONAL GROUP
Changing your Tomorrow

SESSION : 16
CLASS : I
SUBJECT : MATHEMATICS
CHAPTER NUMBER:5
CHAPTER NAME :PLACE VALUE AND FACE VALUE
SUBTOPIC : 5.4- NUMBERS IN EXPANDED FORM
5.5 - NUMBERS IN COMPACT FORM

LEARNING OBJECTIVE :

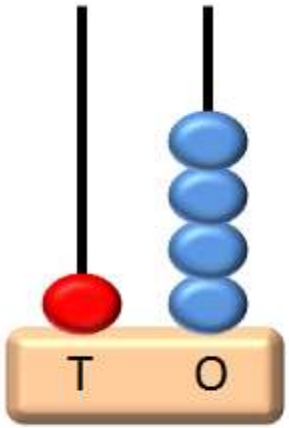
Learners will be able to know to expand a number by determining the value of a particular digit .They will be able to learn the Compact Form of a number,when presented in an Expanded Form.

ODM EDUCATIONAL GROUP
Changing your Tomorrow

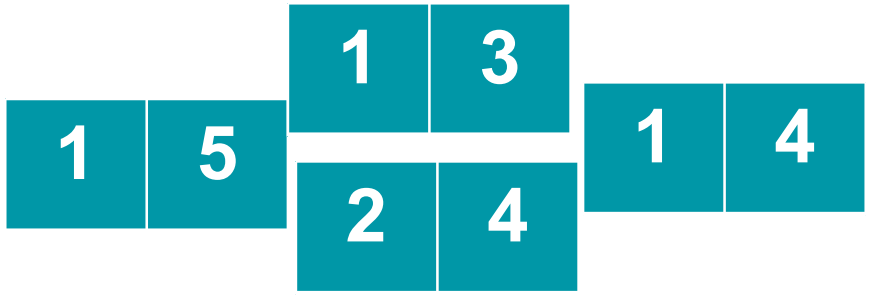
LET'S HAVE A QUICK RECAP

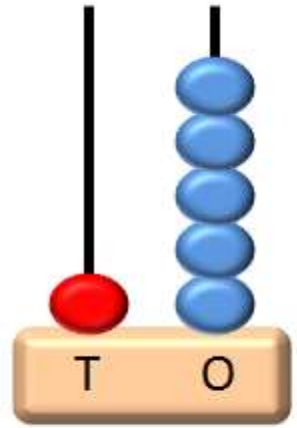
ODM EDUCATIONAL GROUP
Changing your Tomorrow

WRITE THE NUMBER THAT EACH ABACUS REPRESENTS

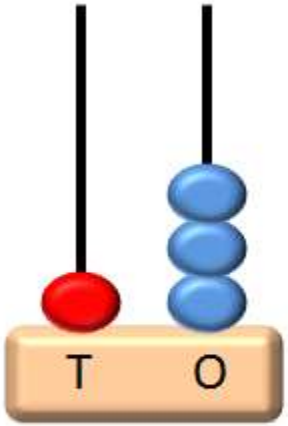


(A)

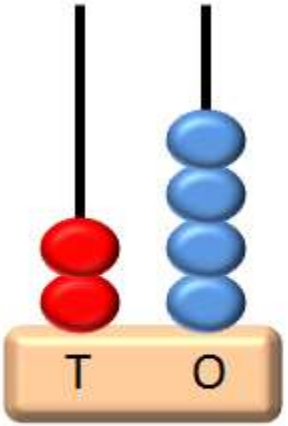




(B)



(C)



(D)

ODM EDUCATIONAL GROUP
Changing your Tomorrow

NUMBERS IN EXPANDED AND COMPACT FORM

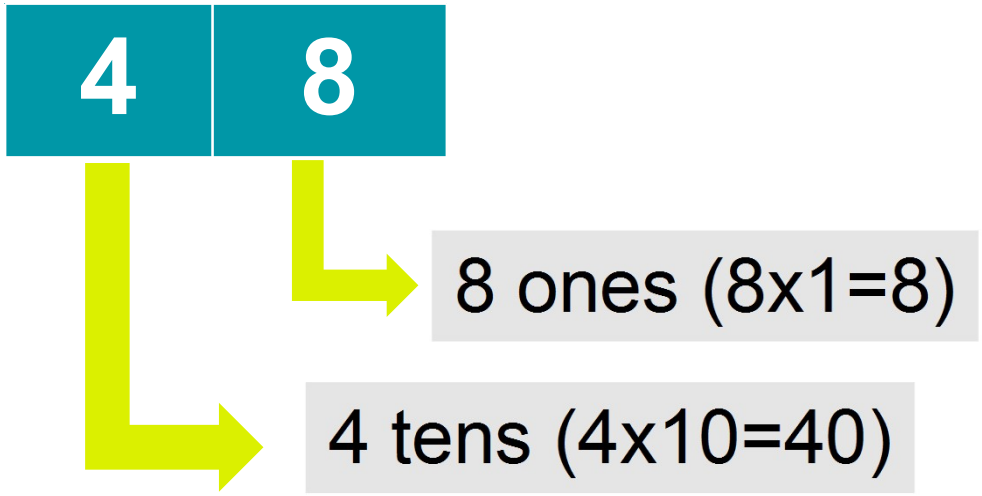
ODM EDUCATIONAL GROUP
Changing your Tomorrow

EXPANDED FORM

Expanded form of a number can be obtained
by breaking it and using the place value of digits in the number.

Example

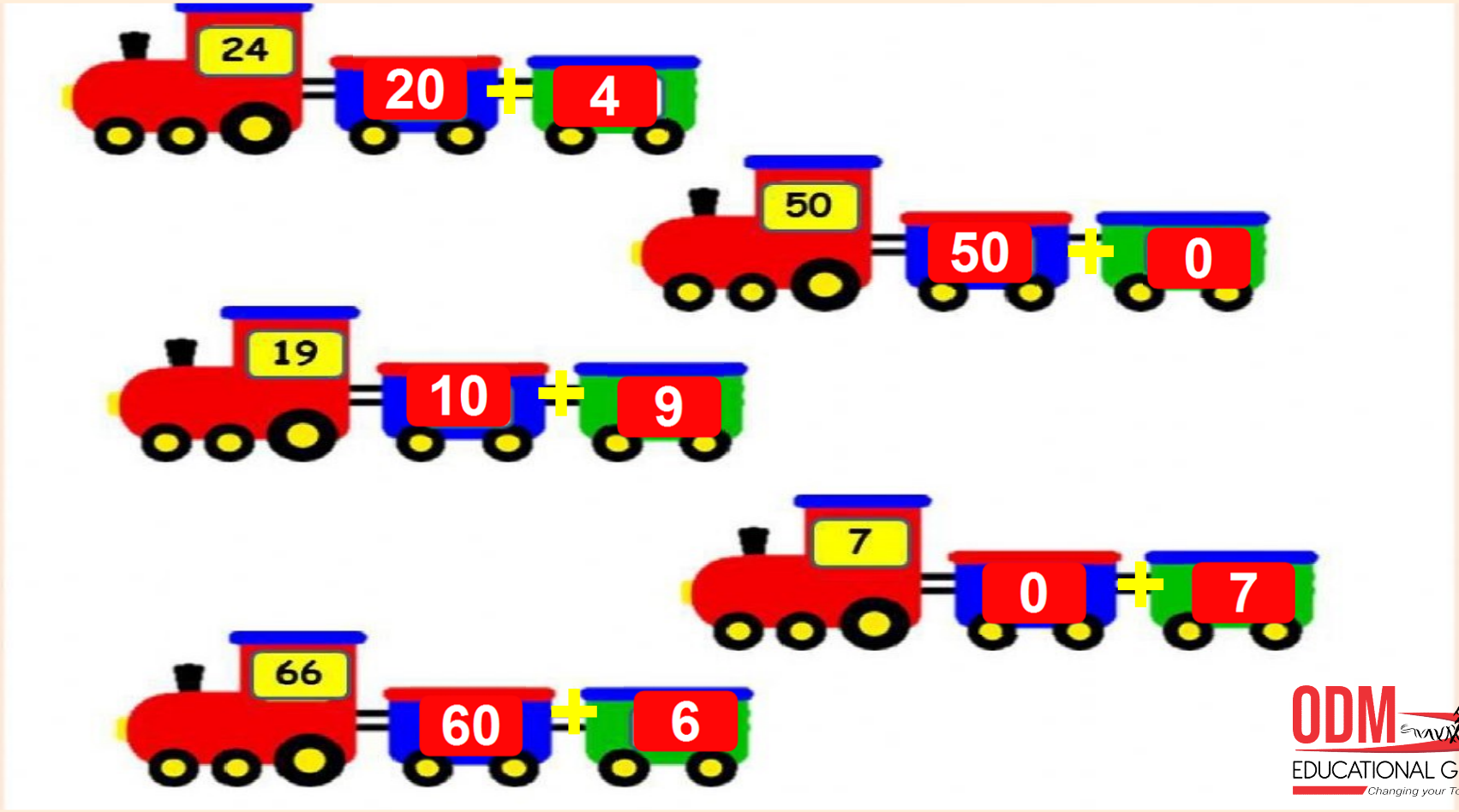
Consider the number 48



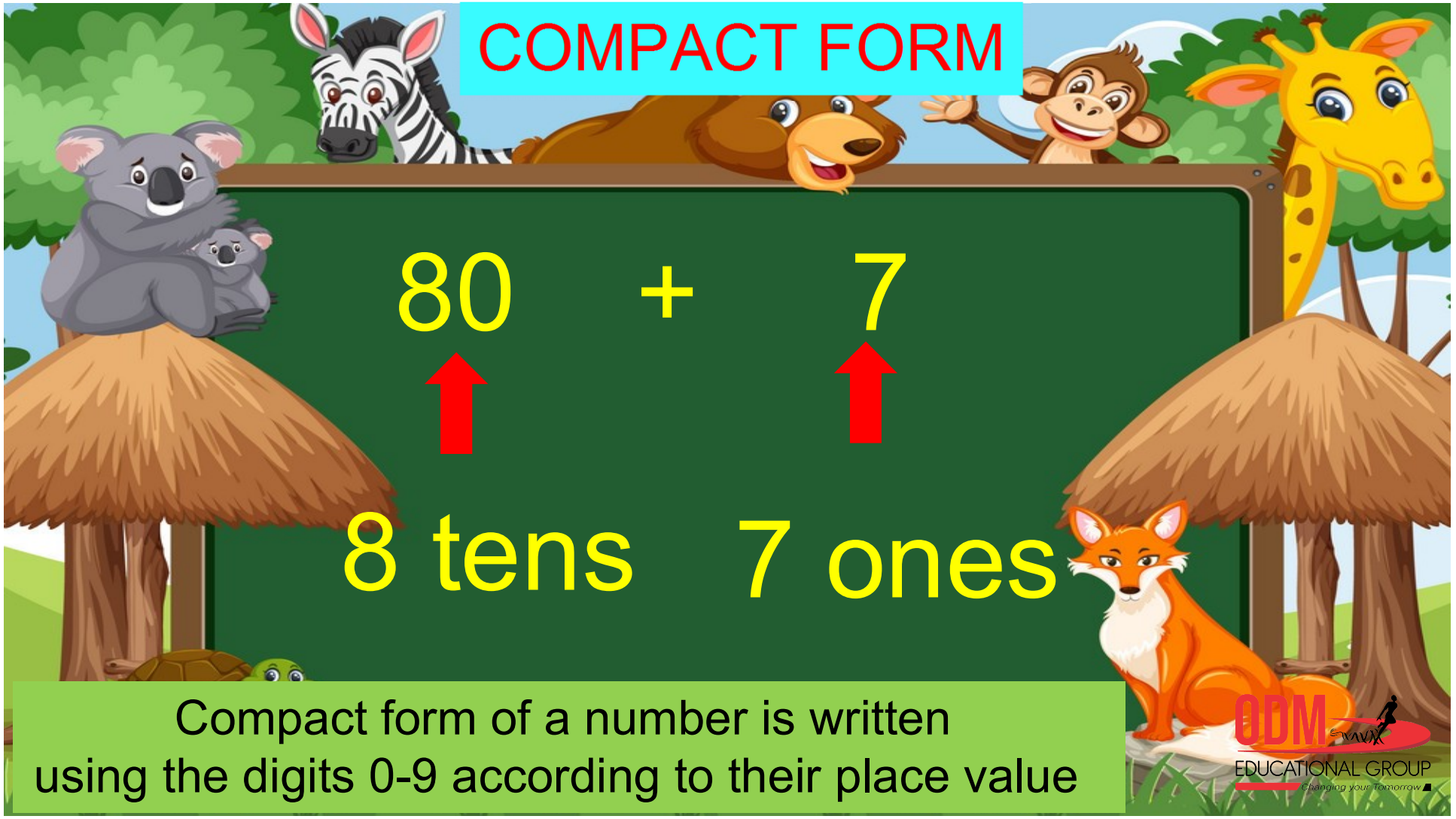
Expanded form of number
48= 40 + 8.

ODM EDUCATIONAL GROUP
Changing your Tomorrow

ACTIVITY -1 WRITE THE NUMBER IN EXPANDED FORM

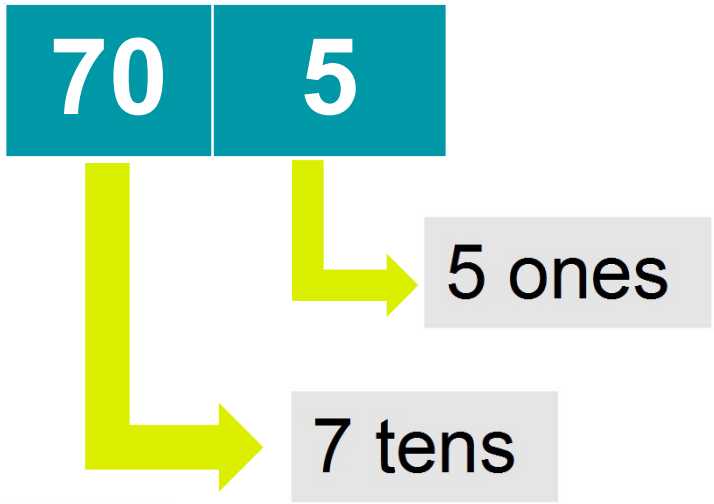


ODM EDUCATIONAL GROUP
Changing your Tomorrow


COMPACT FORM
80 + 7
8 tens 7 ones
Compact form of a number is written
using the digits 0-9 according to their place value
ODM
EDUCATIONAL GROUP
Changing your Tomorrow

Example

Consider the number 70 + 5



Compact form of
70 + 5 = 75.

ODM EDUCATIONAL GROUP
Changing your Tomorrow

DRAG AND MATCH THE CORRECT NUMBER TO THE CORRECT HOUSE

40

27

98

56

ODM EDUCATIONAL GROUP
Changing your Tomorrow

TODAY'S CLASS WORK

Exercise

Write the numbers given below in expanded form :

1. 25 = 20 + 5
2. 32 = 30 + 2
3. 39 = 30 + 9
4. 66 = 60 + 6
5. 79 = 70 + 9
6. 82 = 80 + 2

ODM EDUCATIONAL GROUP
Changing your Tomorrow

TODAY'S CLASS WORK

Exercise

Write in compact form

1. 20 + 6 = **26**
2. 30 + 6 = **36**
3. 60 + 8 = **68**
4. 30 + 8 = **38**
5. 20 + 3 = **23**
6. 40 + 7 = **47**

ODM EDUCATIONAL GROUP
Changing your Tomorrow

SUB	HOME ASSIGNMENT
Mathematics	Practice book page 41 and 42

ODM EDUCATIONAL GROUP
Changing your Tomorrow

LEARNING OUTCOME :

The learners are now able to know how to expand a number by identifying the value of a particular digit and also able to write the compact form of a number when given in expanded form.

ODM EDUCATIONAL GROUP
Changing your Tomorrow

THANKING YOU

ODM EDUCATIONAL GROUP

ODM EDUCATIONAL GROUP
Changing your Tomorrow