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SESSION : 3
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

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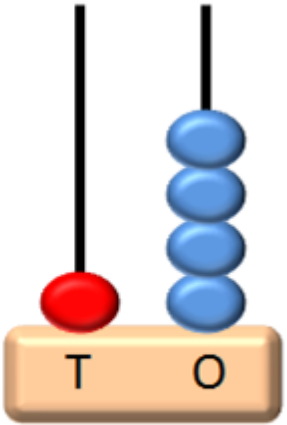
LET'S HAVE A QUICK RECAP

WRITE THE NUMBER THAT EACH ABACUS REPRESENTS



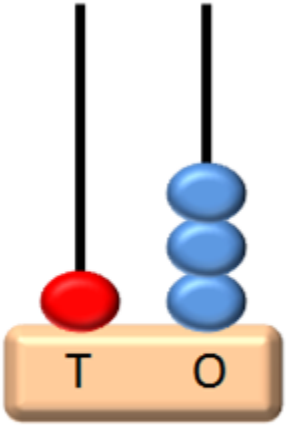
(A)

1 5

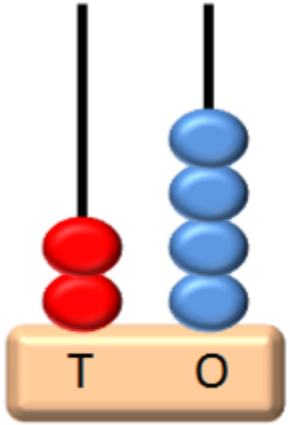
1 3

2 4

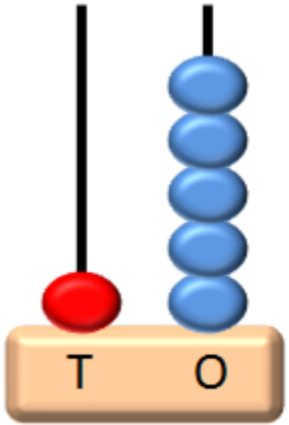
1 4



(C)



(D)



(B)

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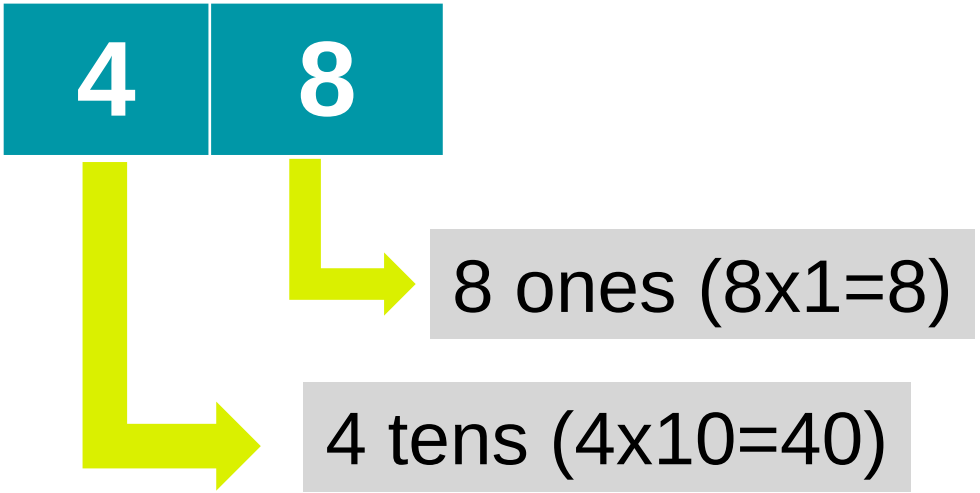
NUMBERS IN EXPANDED AND COMPACT FORM

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.

ACTIVITY -1 WRITE THE NUMBER IN EXPANDED FORM

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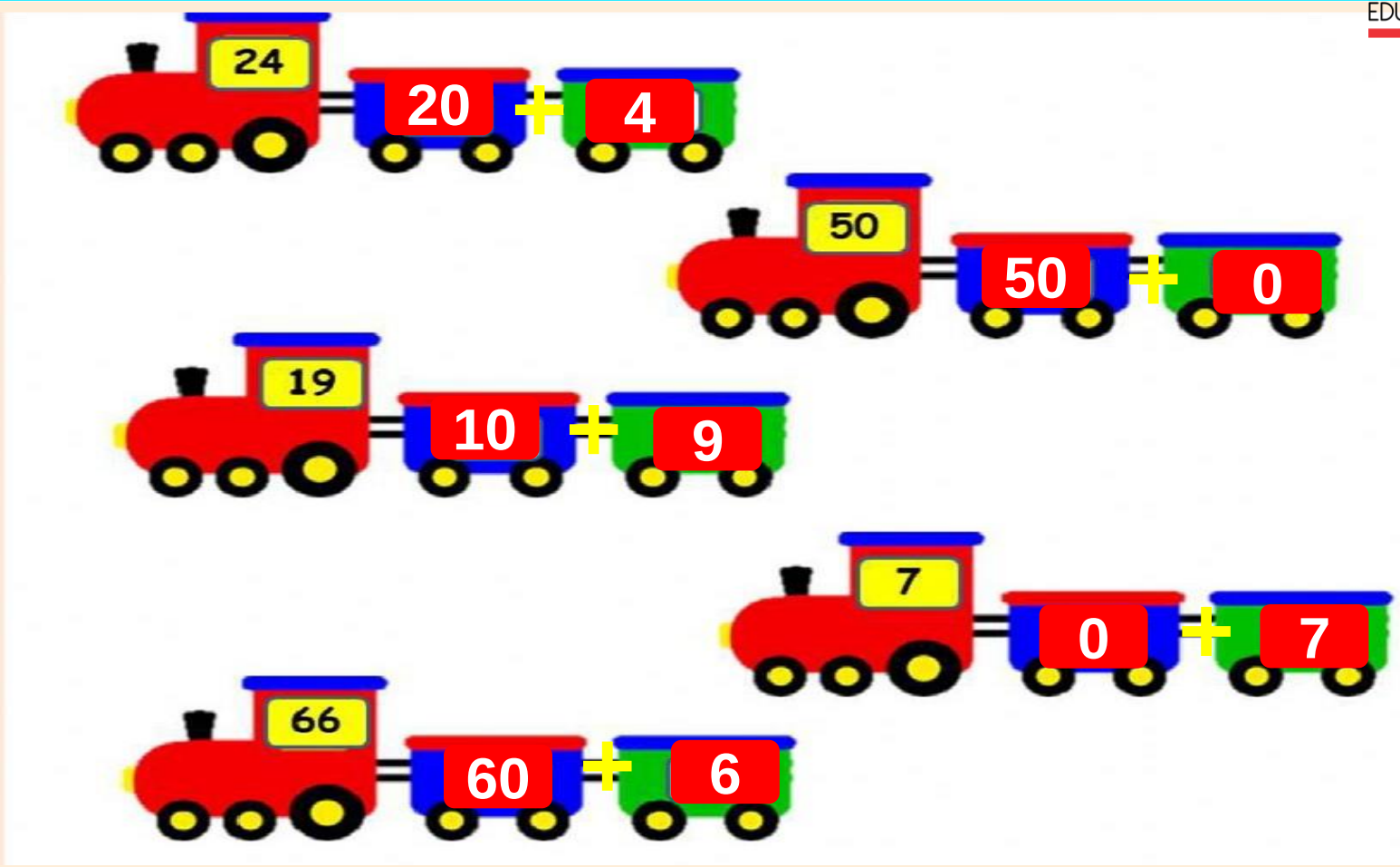
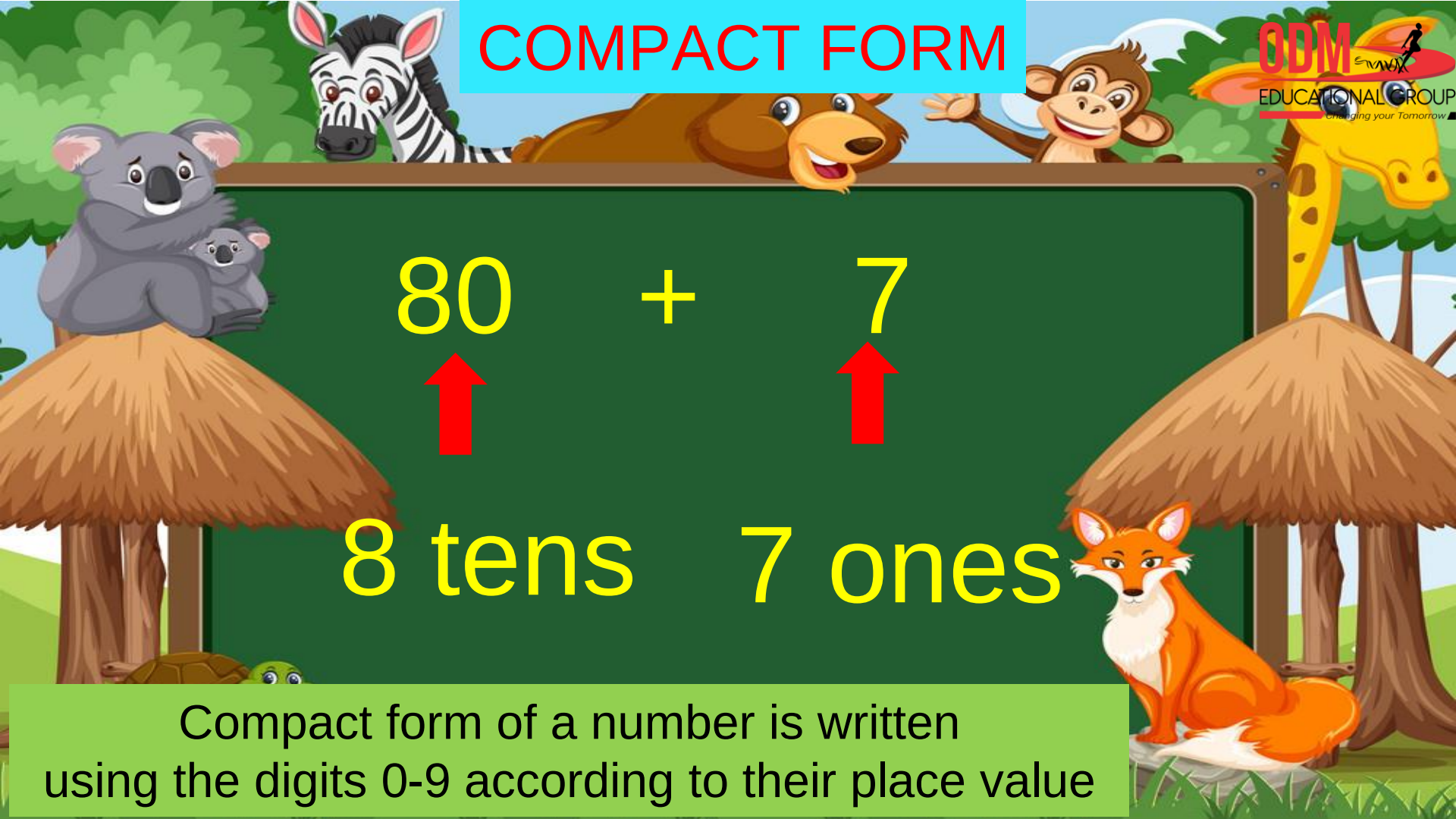


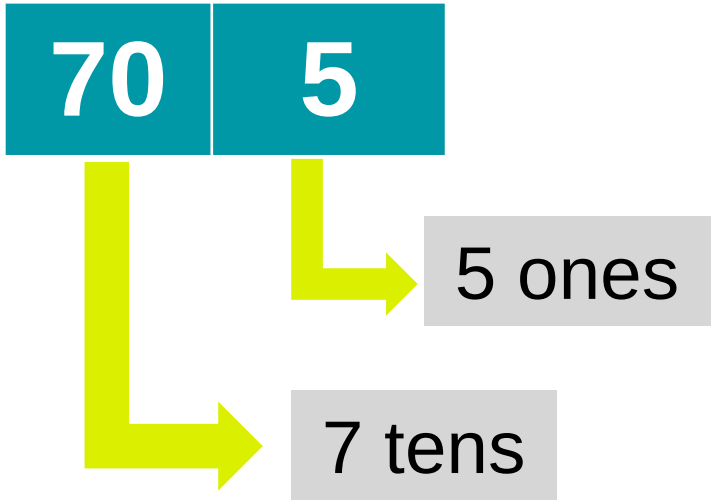
COMPACT FORM



Compact form of a number is written
using the digits 0-9 according to their place value

Example

Consider the number 70 + 5



Compact form of 70 + 5 = 75.

DRAG AND MATCH THE CORRECT NUMBER TO THE CORRECT HOUSE

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40

27

98

56

TODAY'S CLASS WORK

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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

TODAY'S CLASS WORK

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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**

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SUB	HOME ASSIGNMENT
Mathematics	Practice book page 41 and 42

LEARNING OUTCOME :

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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.

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THANKING YOU

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