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SESSION : 19
CLASS : 3
SUBJECT : MATHEMATICS
CHAPTER NUMBER: 4
CHAPTER NAME : SUBTRACTION
SUBTOPIC : SUBTRACTION OF A 3-DIGIT NUMBER FROM A 3-DIGIT NUMBER (WITHOUT REGROUPING)

Website: www.odmegroup.org
Email: info@odmps.org
Toll Free: 1800 120 2316
Sishu Vihar, Infocity Road, Patia, Bhubaneswar- 751024

LEARNING OBJECTIVE :

The children will

*** Develop conceptual understanding**

*** Identify subtraction problems**

*** Perform subtraction of a 3-digit number from a 3-digit number without regrouping**

*** To use two different strategies to subtract three-digit numbers.**

SUBTRACTION

A 3-DIGIT NUMBER FROM A 3-DIGIT NUMBER (WITHOUT REGROUPING)

Children can you say different 3-digit numbers?

See the examples now → 965, 782, 351, 540, 865, 394…..

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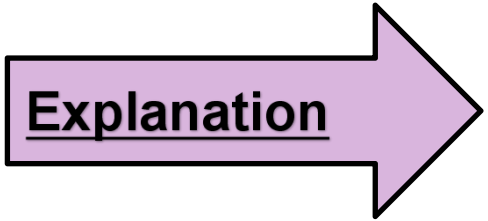
A 3-DIGIT NUMBER FROM A 3-DIGIT NUMBER (WITHOUT REGROUPING)



Now let us take any two 3-digit numbers from the previous slide, say 965 and another 3-digit number, say 351. Now let us recall how to subtract.

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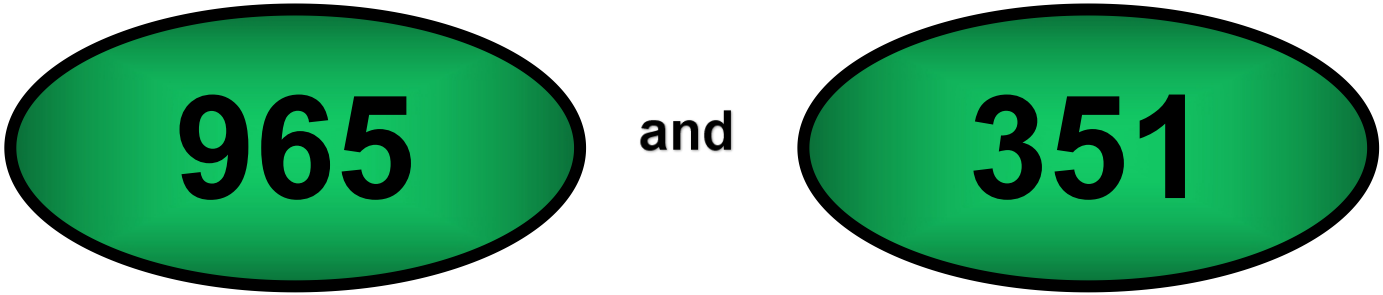
SUBTRACTION

A 3-DIGIT NUMBER FROM A 3-DIGIT NUMBER (WITHOUT REGROUPING)

OUR TWO NUMBERS
ARE....



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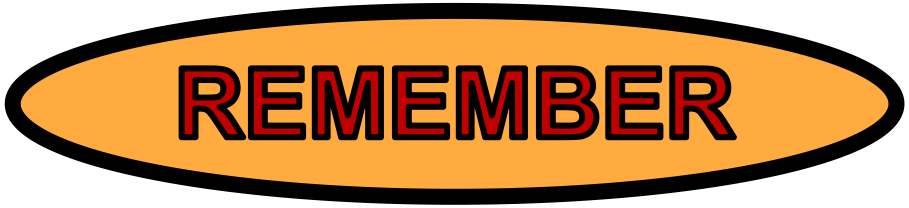

The first thing we should keep in mind is that we should write the greater number at the top first and then the smaller number below it and then subtract. Because we can only subtract a smaller number from a bigger number, we cannot subtract a bigger number from a smaller.

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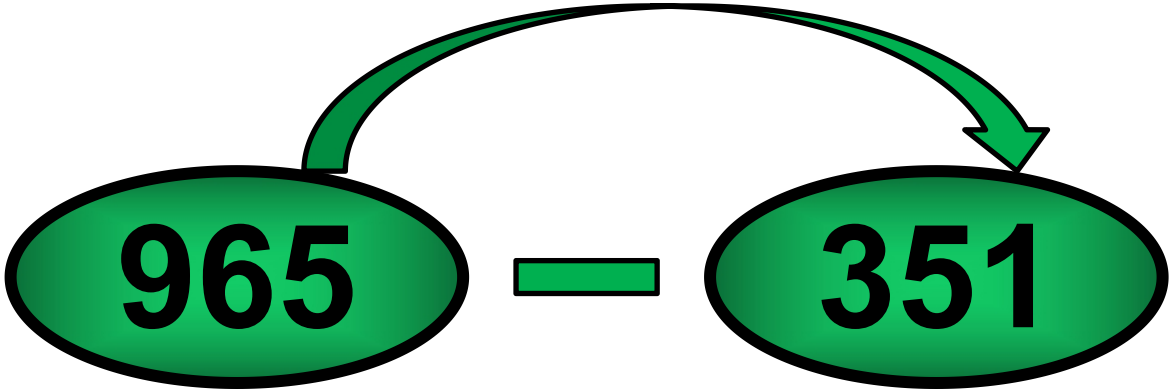
A 3-DIGIT NUMBER FROM A 3-DIGIT NUMBER (WITHOUT REGROUPING)



At first, we have to subtract the ones place i.e. 5 − 1 = 4 ., So, we should write 4 in the ones place.

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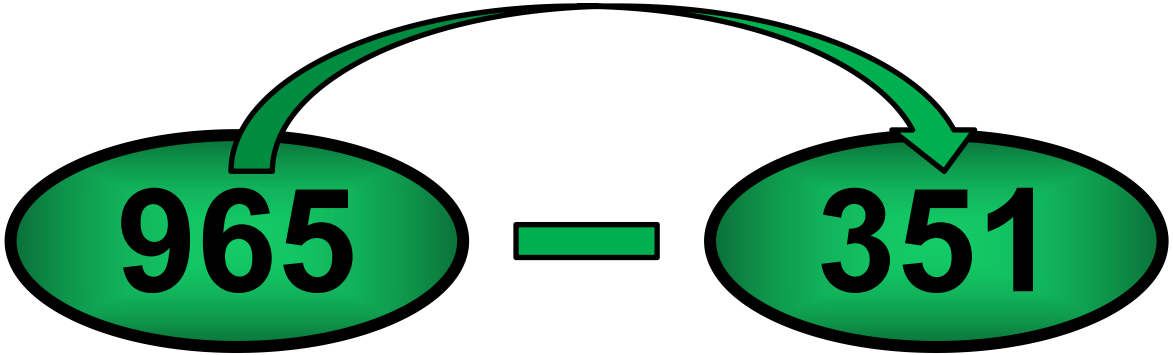

Then subtract the tens place 6 − 5 = 1 we will write 1 in the tens place.

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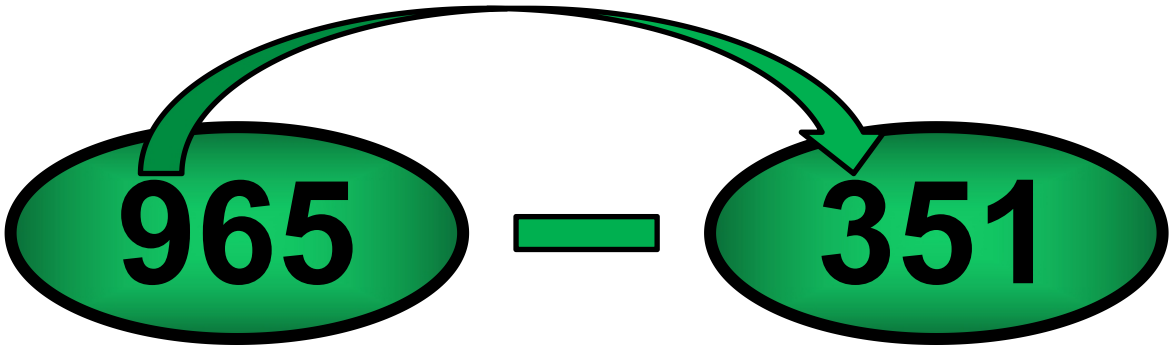

Then subtract the hundreds place 9 − 3 = 6 . So we will write 6 in the hundreds place.

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A 3-DIGIT NUMBER FROM A 3-DIGIT NUMBER (WITHOUT REGROUPING)

Now let us write in column:

$$\begin{array}{rrrr} & 9 & 6 & 5 \\ - & 3 & 5 & 1 \\ \hline & 6 & 1 & 4 \end{array}$$

Subtract the ones:
5 – 1 = 4 ones

Subtract the tens:
6 – 5 = 1 tens

Subtract the hundreds:
9 – 3 = 6 hundreds

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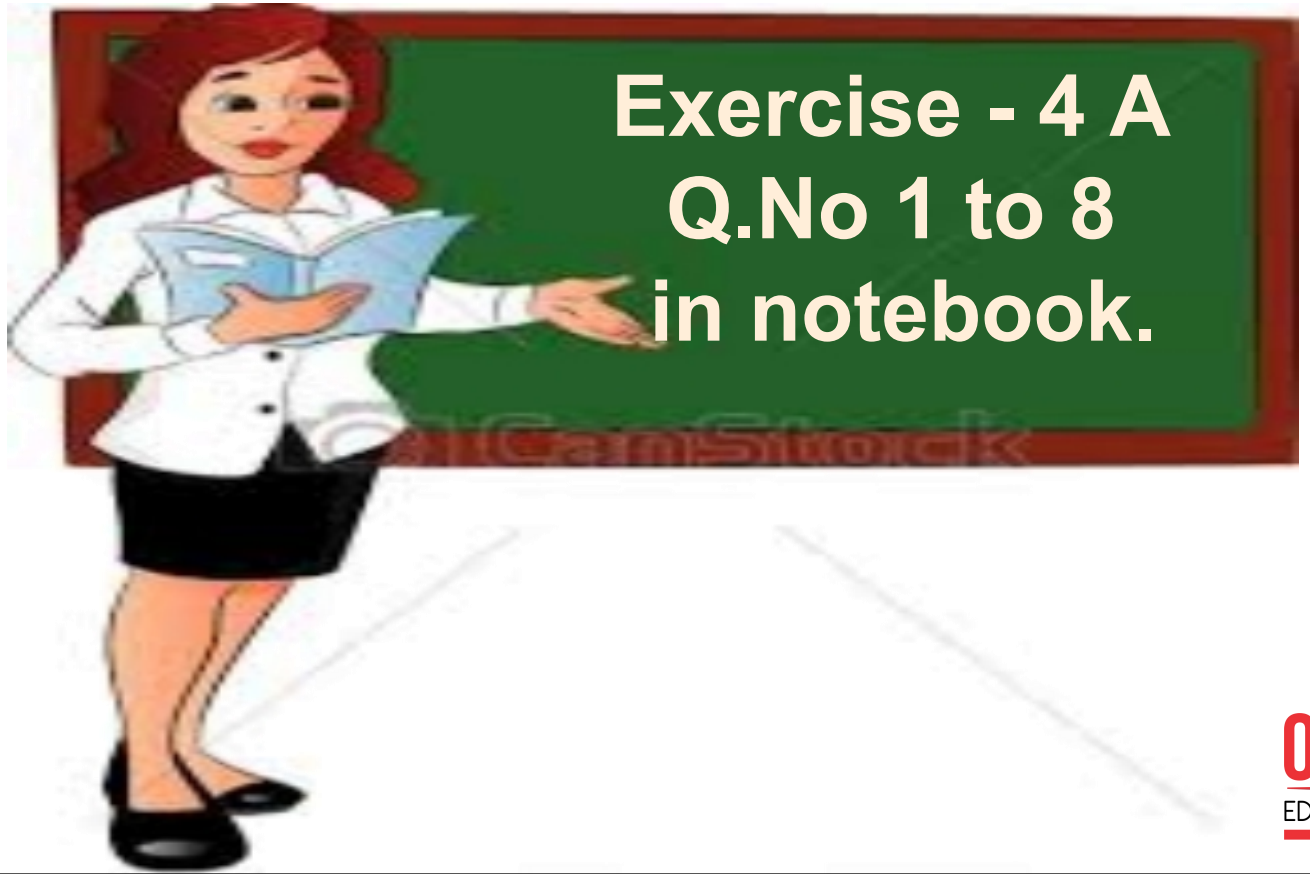

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SUBTRACTION

A 3-DIGIT NUMBER FROM A 3-DIGIT NUMBER (WITHOUT REGROUPING)

Subtract

1)

$$\begin{array}{rccc} & 3 & 4 & 9 \\ - & 1 & 2 & 3 \\ \hline & 2 & 2 & 6 \end{array}$$

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A 3-DIGIT NUMBER FROM A 3-DIGIT NUMBER (WITHOUT REGROUPING)

2)

$$\begin{array}{rccc} & 3 & 1 & 2 \\ - & 3 & 1 & 2 \\ \hline & 0 & 0 & 0 \end{array}$$

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A 3-DIGIT NUMBER FROM A 3-DIGIT NUMBER (WITHOUT REGROUPING)

3)

$$\begin{array}{r} 9\ 8\ 4 \\ -\ 3\ 7\ 2 \\ \hline 6\ 1\ 2 \end{array}$$

SUBTRACTION

A 3-DIGIT NUMBER FROM A 3-DIGIT NUMBER (WITHOUT REGROUPING)

4)

$$\begin{array}{rccc} & 9 & 4 & 3 \\ - & 8 & 2 & 1 \\ \hline & 1 & 2 & 2 \end{array}$$

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5)

$$\begin{array}{rccc} & 5 & 1 & 1 \\ - & 4 & 0 & 0 \\ \hline & 1 & 1 & 1 \end{array}$$

SUBTRACTION

A 3-DIGIT NUMBER FROM A 3-DIGIT NUMBER (WITHOUT REGROUPING)

6)

$$\begin{array}{rrrr} & 6 & 8 & 1 \\ - & 4 & 7 & 1 \\ \hline & 2 & 1 & 0 \end{array}$$

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7)

$$\begin{array}{rccc} & 1 & 2 & 3 \\ - & 1 & 1 & 2 \\ \hline & 0 & 1 & 1 \end{array}$$

SUBTRACTION

A 3-DIGIT NUMBER FROM A 3-DIGIT NUMBER (WITHOUT REGROUPING)

8)

$$\begin{array}{r} 7\ 9\ 1 \\ -\ 2\ 8\ 1 \\ \hline 5\ 1\ 0 \end{array}$$

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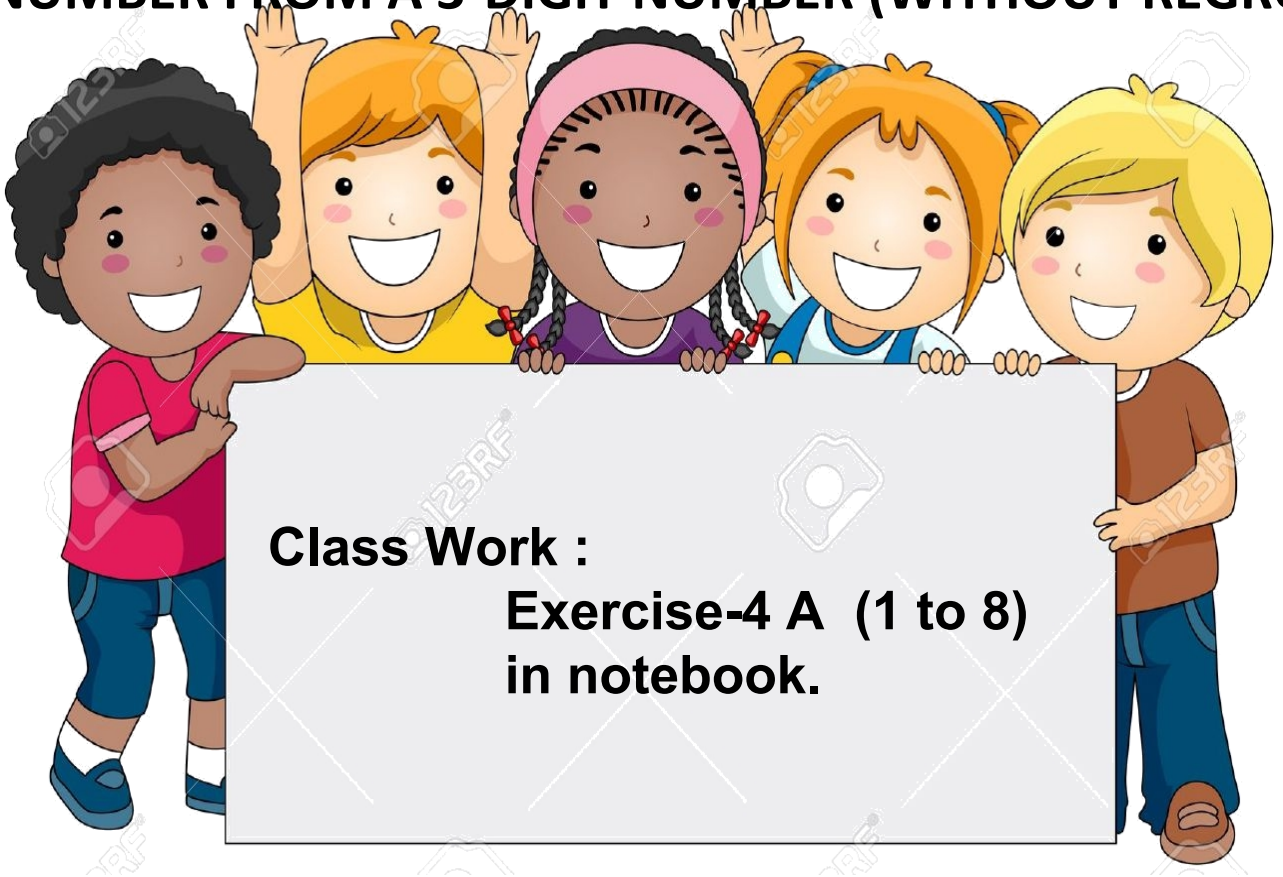

Class Work :

Exercise-4 A (1 to 8)
in notebook.

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LEARNING OUTCOME:

Children are confident of developing conceptual understanding,identify subtraction problems, to use two different strategies to subtract three-digit numbers and perform subtraction of a 3-digit number from a 3-digit number without regrouping .

THANKING YOU

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