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SESSION : 1
CLASS : 3
SUBJECT : MATHEMATICS
CHAPTER NUMBER: 4
CHAPTER NAME : SUBTRACTION
SUBTOPIC : SUBTRACTION OF 4-DIGIT NUMBERS (WITHOUT REGROUPING)

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LEARNING OBJECTIVE :

The children will

*** Develop conceptual understanding**

*** Identify subtraction problems**

*** Perform subtraction of a 4-digit number from a 4-digit number without regrouping**

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

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SUBTRACTION

SUBTRACTION OF 4-DIGIT NUMBERS (WITHOUT REGROUPING)

i)How many places do a 4-digit number has?

4

See the examples now → 1965, 7382, 3201, 8540, 2865, 3974…..

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Now let us take any two 4-digit numbers from the previous slide, say 7382 and another 4-digit number, say 3201. Now let us subtract using an abacus.

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SUBTRACTION

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OUR TWO NUMBERS ARE....

7382 and **3201**

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SUBTRACTION

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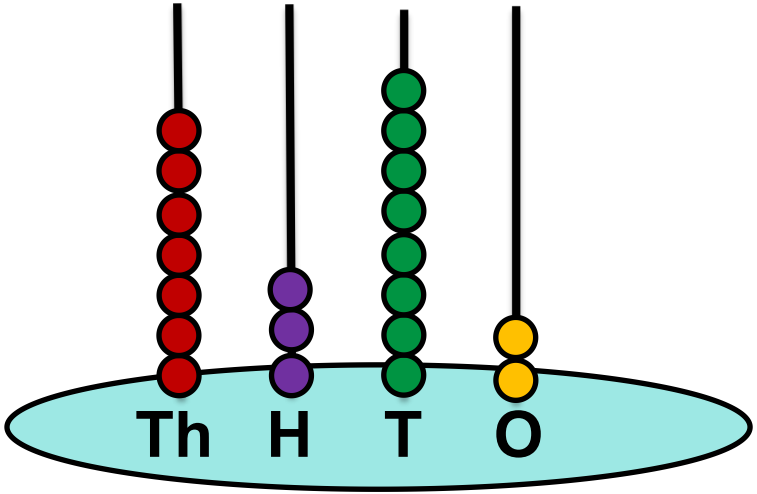
Lets subtract using an Abacus

The first number is 7382



So, the answer is →

7 3 8 2 - 3 2 0 1 = 4 1 8 1

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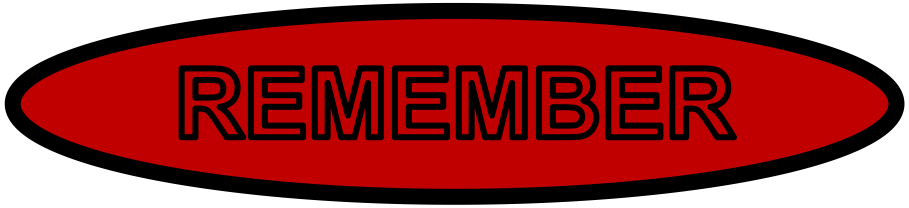

The first thing we should keep in mind is that we should write the greater number at the top first and then the smaller number below it and then subtract. Because we can only subtract a smaller number from a bigger number, we cannot subtract a bigger number from a smaller.

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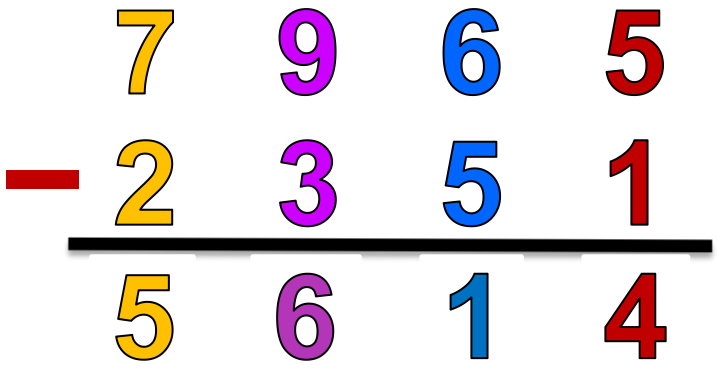
Now let us write in column:



STEP 1 - Subtract the ones:
5 − 1 = 4 ones

STEP 2 - Subtract the tens:
6 − 5 = 1 ten

STEP 3 - Subtract the hundreds:
9 − 3 = 6 hundreds

STEP 4 - Subtract the thousands:
7 − 2 = 5 thousands

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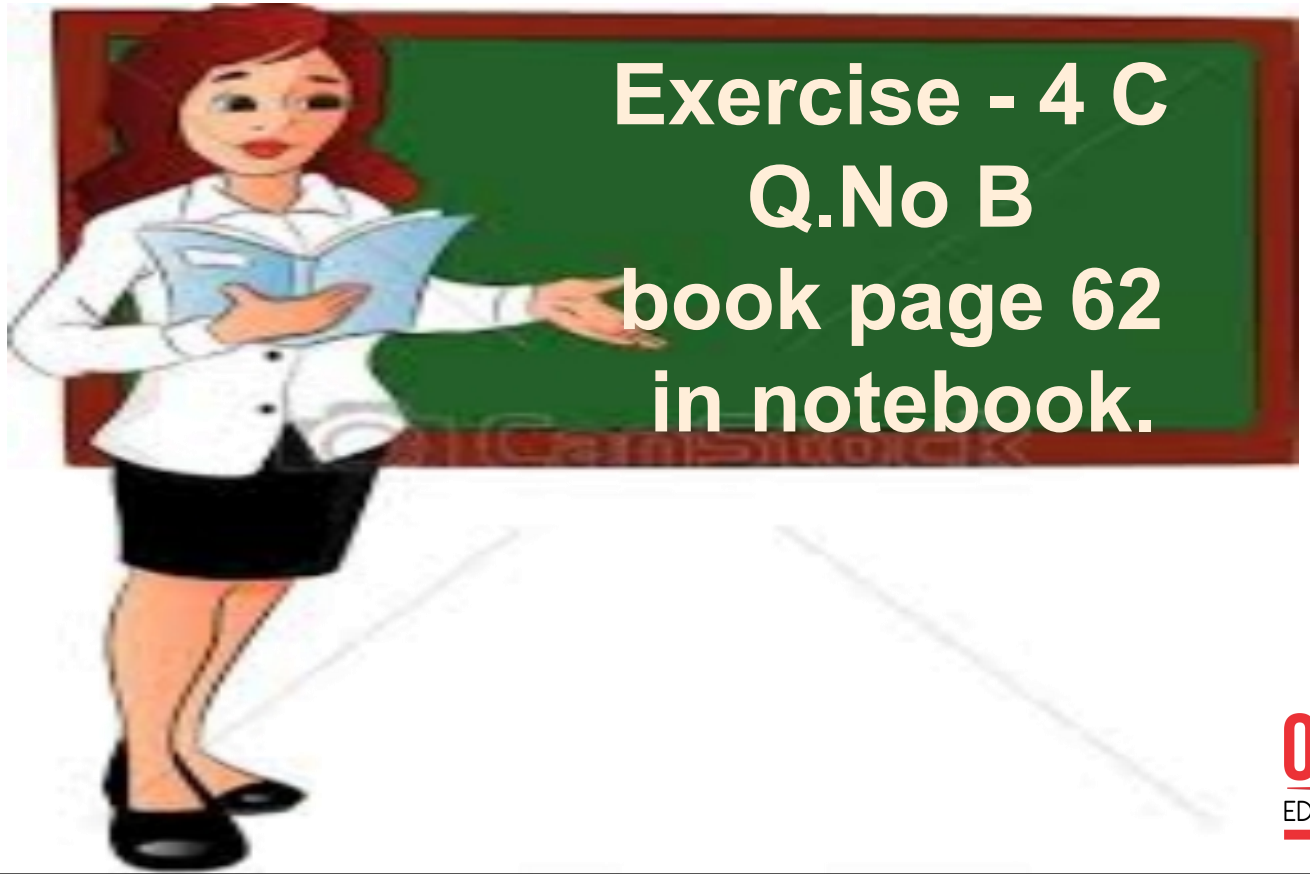

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B. Write the following numbers in columns and find their difference.

1) 6553 - 2141

$$\begin{array}{r} 6553 \\ -\ 2141 \\ \hline 4412 \end{array}$$

2) 9256 - 5022

$$\begin{array}{r} 9256 \\ -\ 5022 \\ \hline 4234 \end{array}$$

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3) 8744 - 3213

$$\begin{array}{r} 8\ 7\ 4\ 4 \\ -\ 3\ 2\ 1\ 3 \\ \hline 5\ 5\ 3\ 1 \end{array}$$

4) 5827 - 1303

$$\begin{array}{r} 5\ 8\ 2\ 7 \\ -\ 1\ 3\ 0\ 3 \\ \hline 4\ 5\ 2\ 4 \end{array}$$

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5) 7385 - 4132

$$\begin{array}{r} 7385 \\ -\ 4132 \\ \hline 3253 \end{array}$$

6) 8652 - 5140

$$\begin{array}{r} 8652 \\ -\ 5140 \\ \hline 3512 \end{array}$$

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7) 9726 - 1303

$$\begin{array}{r} 9726 \\ -\ 1303 \\ \hline 8423 \end{array}$$

8) 7576 - 4132

$$\begin{array}{r} 7576 \\ -\ 4132 \\ \hline 3444 \end{array}$$

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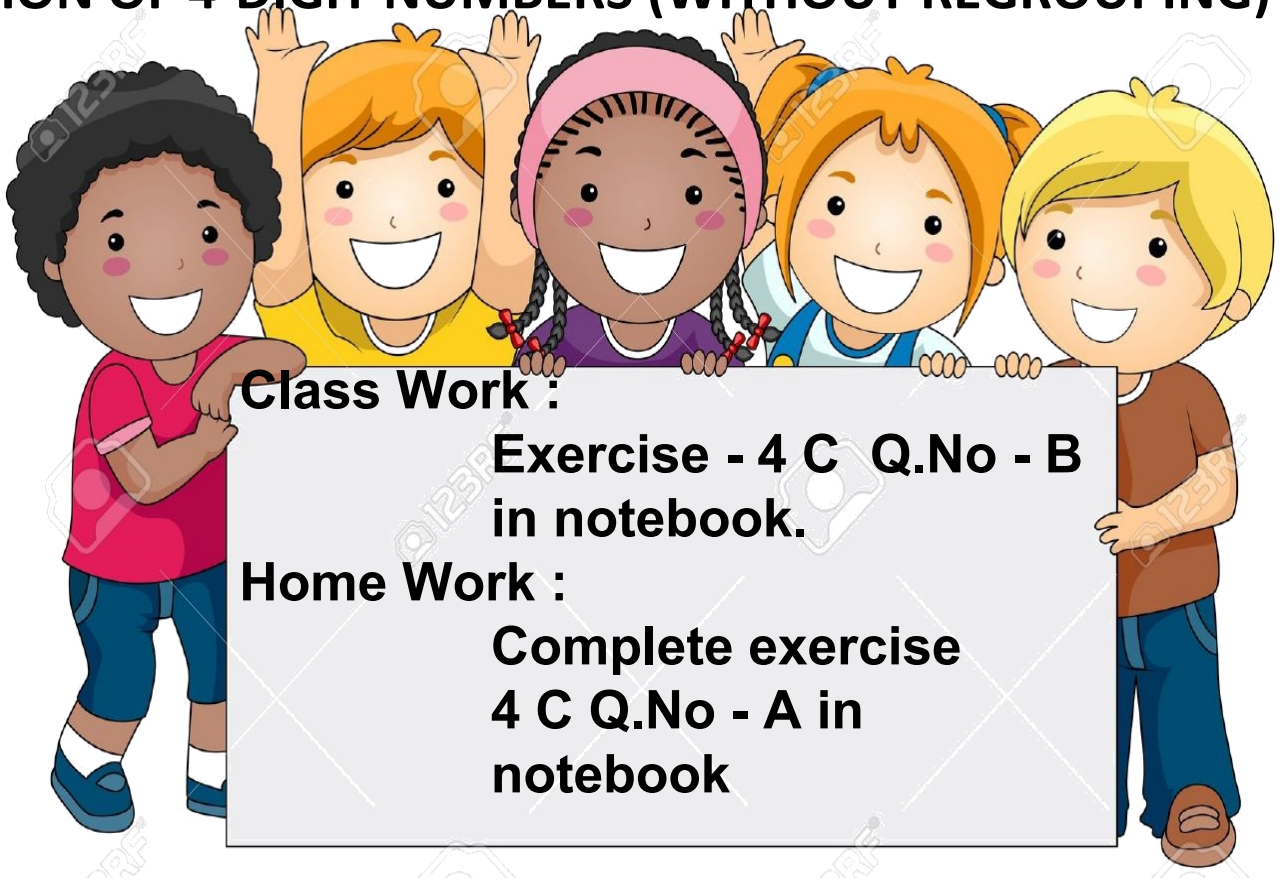

Class Work :

Exercise - 4 C Q.No - B in notebook.

Home Work :

Complete exercise 4 C Q.No - A 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 four-digit numbers and perform subtraction of a 4-digit number from a 4-digit number without regrouping .

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THANKING YOU

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