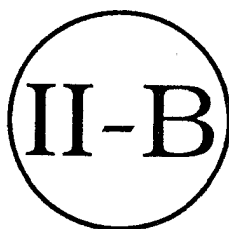


# ADDITION OF WHOLE NUMBERS (WITHOUT REGROUPING)



Objective: Adds 2 - 3 digit numbers with 2 or more addends without regrouping

Bureau of Elementary Education  
Department of Education, Culture and Sports  
Manila, Philippines

This module is part of a series of a multi-level modules for English, Filipino and Mathematics developed by the Curriculum Development Division of the Bureau of Elementary Education under the Program for Decentralized Educational Development (PRODED). These materials have been purposely prepared to supplement and complement learnings made through the basic texts issued by the Instructional Materials Corporation (IMC). Each module constitutes the total learning process and may therefore be used not only to reinforce or enrich learning but also to develop a new lesson.

These multi-level materials are recommended for use in elementary schools in the country.

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A. Add the following numbers:

$$\begin{array}{r} 1) \quad + 7 \\ \quad + 6 \\ \hline \square \end{array}$$

$$\begin{array}{r} 2) \quad + 8 \\ \quad + 2 \\ \hline \square \end{array}$$

$$\begin{array}{r} 3) \quad + 7 \\ \quad + 7 \\ \hline \square \end{array}$$

$$\begin{array}{r} 4) \quad + 6 \\ \quad + 5 \\ \hline \square \end{array}$$

$$\begin{array}{r} 5) \quad + 4 \\ \quad + 8 \\ \hline \square \end{array}$$

$$\begin{array}{r} 6) \quad + 10 \\ \quad + 3 \\ \hline \square \end{array}$$

$$\begin{array}{r} 7) \quad + 21 \\ \quad + 4 \\ \hline \square \end{array}$$

$$\begin{array}{r} 8) \quad + 42 \\ \quad + 6 \\ \hline \square \end{array}$$

$$\begin{array}{r} 9) \quad + 33 \\ \quad + 1 \\ \hline \square \end{array}$$

$$\begin{array}{r} 10) \quad + 51 \\ \quad + 7 \\ \hline \square \end{array}$$

B. Fill in the boxes.

Sample: 139

is in the tens place

1) In 86

is in the ones place

2) In 104

is in the hundreds place

3) In 97

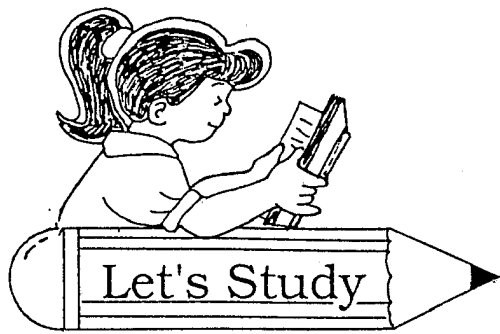
is in the tens place

4) In 238

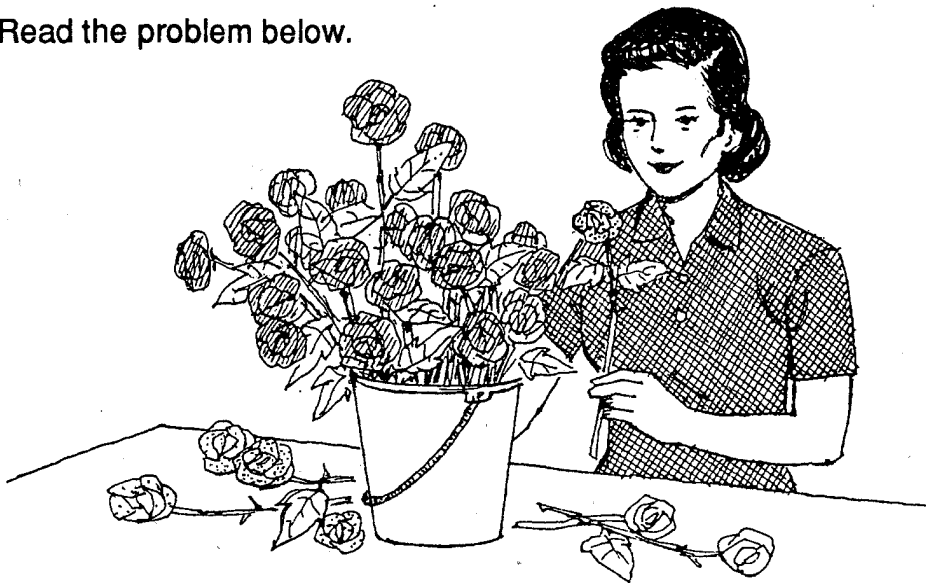
is in the hundreds place

5) In 360

is in the ones place



Read the problem below.



Aling Nena gathered 21 red roses, 5 pink roses and 2 white roses from her flower garden. How many roses did she gather in all?

The addition sentence is:

$$21 + 5 + 2 = n \quad \text{or} \quad \begin{array}{r} 21 \\ + 5 \\ \hline 2 \end{array}$$

We add it this way:

Step 1

Add the ones.

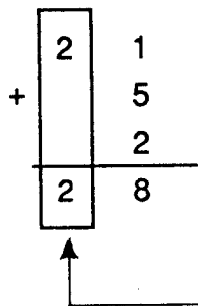
$$\begin{array}{r} 21 \\ + 5 \\ \hline 26 \end{array}$$

← 1 + 5 + 2 = 8

← Write 8 in ones column.

Step 2

Add the tens.



2 tens + 0 = 2 tens  
 Write 2 in the tens column.  
 So,  $21 + 5 + 2 = 28$   
 The sum is 28.

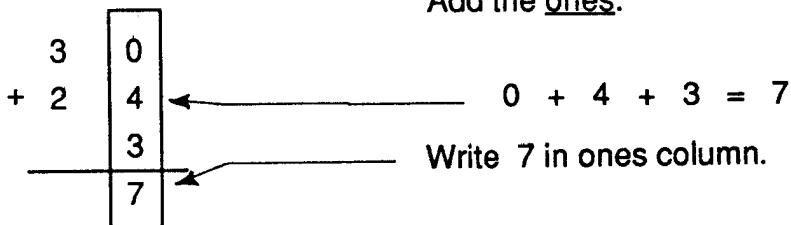
Aling Nena gathered 28 roses in all.

Let us try these numbers.

$$30 + 24 + 3 = n \quad \text{or} \quad \begin{array}{r} 30 \\ + 24 \\ \hline 3 \end{array}$$

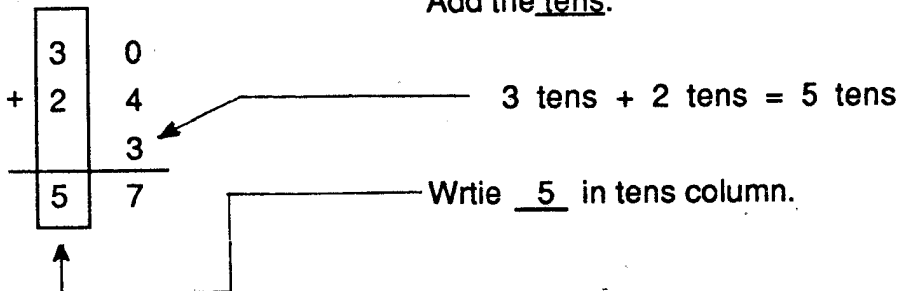
We do it this way.

Add the ones.



0 + 4 + 3 = 7  
 Write 7 in ones column.

Add the tens.



3 tens + 2 tens = 5 tens

Write 5 in tens column.

Here is another one.

$$41 + 23 + 12 = n \quad \text{or} \quad \begin{array}{r} 41 \\ + 23 \\ + 12 \\ \hline \square \end{array}$$

$$\begin{array}{r} 4 \quad 1 \\ + 2 \quad 3 \\ 1 \quad 2 \\ \hline \quad 6 \end{array}$$

Add the ones

$$1 + 3 + 2 = 6$$

Write 6 in the ones column.

$$\begin{array}{r} \boxed{4} \quad 1 \\ + \boxed{2} \quad 3 \\ \boxed{1} \quad 2 \\ \hline \boxed{7} \quad 6 \end{array}$$

Add the ones

$$4 \text{ tens} + 2 \text{ tens} + 1 \text{ ten} = 7 \text{ tens}$$

Write 7 in the tens column

Now, to check the answers let us add up.

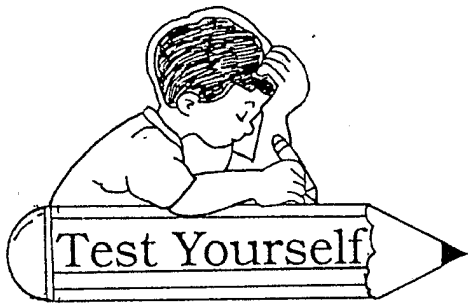
$$\begin{array}{r} \boxed{4} \quad \boxed{1} \quad \boxed{6} \\ + \boxed{2} \quad \boxed{3} \\ \boxed{1} \quad \boxed{2} \\ \hline \boxed{7} \quad \boxed{6} \end{array}$$

Start with the ones at the bottom  
 $2 + 3 + 1 = 6$

$$\begin{array}{r} \boxed{7} \\ + \quad \quad \boxed{4} \quad \boxed{1} \\ \quad \quad \boxed{2} \quad \boxed{3} \\ \quad \quad \boxed{1} \quad \boxed{2} \\ \hline \quad \quad \boxed{7} \quad \boxed{6} \end{array}$$

Then with the tens.  
 $1 + 2 + 4 = 7$





A. Copy and add.

$$\begin{array}{r} 1) \quad 44 \\ + \quad 1 \\ \hline \quad 3 \end{array}$$

$$\begin{array}{r} 2) \quad 51 \\ + \quad 3 \\ \hline \quad 21 \end{array}$$

$$\begin{array}{r} 3) \quad 30 \\ + \quad 40 \\ \hline \quad 15 \end{array}$$

$$\begin{array}{r} 4) \quad 36 \\ + \quad 2 \\ \hline \quad 20 \end{array}$$

$$\begin{array}{r} 5) \quad 10 \\ + \quad 13 \\ \hline \quad 41 \end{array}$$

$$\begin{array}{r} 6) \quad 34 \\ + \quad 30 \\ \hline \quad 33 \end{array}$$

$$\begin{array}{r} 7) \quad 50 \\ + \quad 4 \\ \hline \quad 33 \end{array}$$

$$\begin{array}{r} 8) \quad 24 \\ + \quad 31 \\ \hline \quad 40 \end{array}$$

B. Copy then add up and add down.

$$\begin{array}{r} 1) \quad \square \quad \square \\ \quad 60 \\ + \quad 16 \\ \hline \quad 12 \end{array}$$

$$\begin{array}{r} 2) \quad \square \quad \square \\ \quad 53 \\ + \quad 12 \\ \hline \quad 10 \end{array}$$

$$\begin{array}{r} 3) \quad \square \quad \square \\ \quad 22 \\ + \quad 30 \\ \hline \quad 44 \end{array}$$

$$\begin{array}{r} 4) \quad \square \quad \square \\ \quad 45 \\ + \quad 11 \\ \hline \quad 3 \end{array}$$

$$\begin{array}{r} 5) \quad \square \quad \square \\ \quad 33 \\ + \quad 40 \\ \hline \quad 2 \end{array}$$

$$\begin{array}{r} 6) \quad \square \quad \square \\ \quad 41 \\ + \quad 2 \\ \hline \quad 13 \end{array}$$

$$\begin{array}{r} 7) \quad \square \quad \square \\ \quad 90 \\ + \quad 6 \\ \hline \quad 1 \end{array}$$

$$\begin{array}{r} 8) \quad \square \quad \square \\ \quad 21 \\ + \quad 36 \\ \hline \quad 10 \end{array}$$

$$\begin{array}{r} 9) \quad \square \quad \square \\ \quad 41 \\ + \quad 2 \\ \hline \quad 4 \end{array}$$