



Allied School Sargodha Road Campus

Subject: Mathematics

Class: Two

Unit #1

Numbers

Content

2 digit number

Comparing and ordering

Place value

Number names

Less than greater then

Ascending order: -

In ascending order we move small ot largest number For example

1, 2, 3, 4, 5, -----

1 is small number then 2

6, 11, 17, 32, 49, 82
This is the form of ascending order.

17 6 11

32 49 82

Descending order

In descending order we move large to small number for example:-

10, 9, 8, 7, 6, 5,

10 is greater than 9

68, 66, 63, 41, 37, 14

it is the form of descending order

14 41 63

66 68 37

Place value



Ten

Ones one box has ten pencil and 3 loose pencil

So

I ten and 3 one

Step 1:-

First, we see how many boxes have ten pencil and we write number of boxes.

Step 2:-

Second, we see how many ones then we write number of ones.



For example

2 ten 3 ones

Write in words:-

4 ten and 5 ones forty five

7 tens and 2 ones seventy two

Less then greater than

For example

We have a hungry crocodile and crocodile always eat a greater number.

He wants to eat the greater one but which number is greater.

249  **348**

H	T	O
2	4	9
3	4	8

Step 1:-

First, crocodile checks the hundreds column the top number is 2 in hundred column

Step 2:-

The bottom number has 3 in the hundred column 3 is greater than 2
so

249 < 348

249 is less than **348**

< is symbol of less than

> Symbol is greater than

Units # 2

Addition

Addition of 2 digit number

+ IS THE SIGN OF ADDITION

$$\begin{array}{r} \text{A:} \quad \text{T} \quad \text{O} \\ 8 \quad 1 \\ + 1 \quad 3 \\ \hline 9 \quad 4 \end{array}$$

Step 1:

First of all when we attempt a question we start from ones side (right side) than tens side (left side)

Example # 2

$$\begin{array}{r} \text{T} \quad \text{O} \\ 9 \\ + 3 \\ \hline 12 \end{array}$$

This is not correct we know $9+3$ is 12 but we cannot write 12 in the ones column.

Step 2:

We must change 12 to 1 ten and 2 ones so we write our answer like this.

$$\begin{array}{r} \text{1:} \quad \text{T} \quad \text{O} \\ 9 \\ + 3 \\ \hline 1 \quad 2 \end{array}$$

This is correct.

2:

$$\begin{array}{r}
 \begin{array}{ccc} H & T & O \\ 2 & 1 & 6 \end{array} \\
 + \begin{array}{ccc} 1 & 4 & 7 \end{array} \\
 \hline
 \begin{array}{ccc} 3 & 6 & 3 \end{array}
 \end{array}$$

3:

$$\begin{array}{r}
 \begin{array}{ccc} & 1 & \\ 4 & 2 & 5 \end{array} \\
 + \begin{array}{ccc} 1 & 2 & 3 \end{array} \\
 \hline
 \begin{array}{ccc} 5 & 5 & 1 \end{array}
 \end{array}$$

A:

Saima has 151 stamps she collects 109 more. How many stamps does she have altogether?

Step 1:

First of all we read the statement of question carefully, then we arrange the statement in question form as

$$\begin{array}{r}
 \begin{array}{ccc} 1 & 5 & 1 \end{array} \\
 + \begin{array}{ccc} 1 & 0 & 9 \end{array} \\
 \hline
 \text{-----}
 \end{array}$$

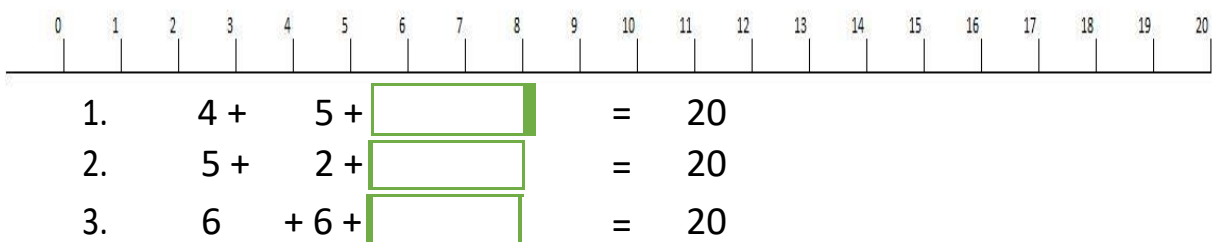
Step 2:

Then we solve the question and find out the answer

$$\begin{array}{r}
 \begin{array}{ccc} 1 & 5 & 1 \end{array} \\
 + \begin{array}{ccc} 1 & 0 & 9 \end{array} \\
 \hline
 \begin{array}{ccc} 2 & 6 & 0 \end{array}
 \end{array}$$

Worksheet 1

Find the missing number to make the number sentences true.



4. 7 + 5 + = 20
5. 8 + 6 + = 20
6. 9 + 4 + = 20
7. 7 + 6 + = 20
8. 4 + 9 + = 20

Step 1:-

First of all we solve first 2 digit 4+5 and than see how many number we add than ans is 20

For example :-

$$4+5=9 + 11 =20$$

Unit # 3

Subtraction



Is sign of subtraction

Do you remember how subtract with big number?

Step 1:

Start with the ones

a :	T	O	
	3	8	
	-	1	6
		2	↓
		2	

Step 2:

Than subtract the ten

	T	O	
2 nd step	3	8	1 st step
	-	1	6
		2	2
		2	

b :

there are 28 flowers in a basket 16 are used for a garland. How many are left?

Step 1:

First of all we read the statement of question carefully,

Step 2:

Second we write in question form / equation form and solve the question

$$\begin{array}{r} 2 \quad 8 \\ - 1 \quad 6 \\ \hline 1 \quad 2 \end{array}$$

Q#2:-

Example #2

There are 52 balloons at a party at a party . 27 burst. How many balloons are left?

Step 1:

Start the question from one's and arranges the statement in question form

$$\begin{array}{r} \text{T} \quad \text{O} \\ 5 \quad 2 \\ - 2 \quad 7 \\ \hline \end{array}$$

STEP 2:

How can we take away 7 one's? we need more one's? take 1 ten from the tens column and change it into 10 one's

$$\begin{array}{r} \text{T} \quad \text{O} \\ 4 \quad 10 \\ 5 \quad 1 \\ - 2 \quad 7 \\ \hline 2 \quad 5 \end{array}$$

we can have

$$10 + 2 = 12 \text{ one's}$$

Note

These sums are easy. Remember subtract one's first tens next, hundred, last