

Addition up to 10

Check What I Know 



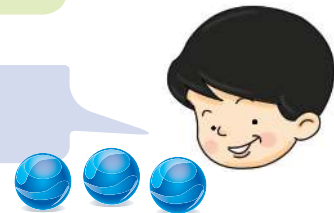
Chintu, how many red marbles do you have?

Dad, I have one red marble.



How many blue marbles do you have?

I have three blue marbles.

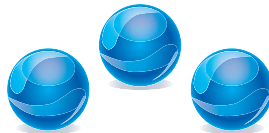


Now, count both and tell me how many marbles you have in all.



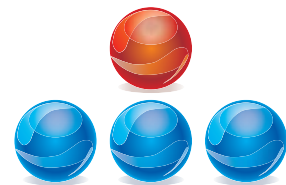
1

and



3

make



4

I have four marbles in all.

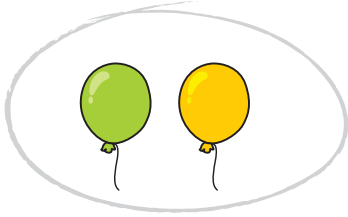


To the teacher: The maths lab activity on putting things together on page 94 should be done before starting the chapter, to introduce the concept addition.

EXERCISE 1

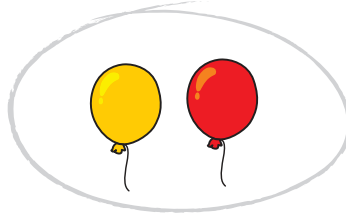
Count the objects and write the answer in the .

a)



2

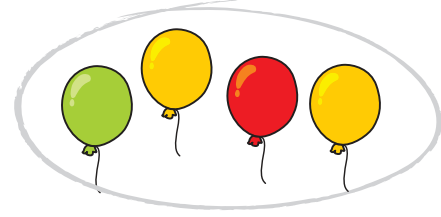
and



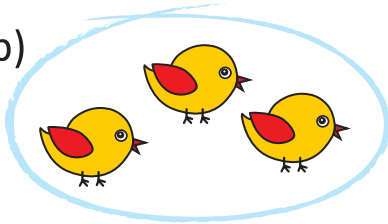
2

make

4

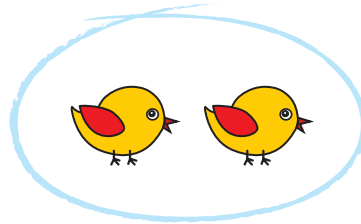


b)



3

and



2

make



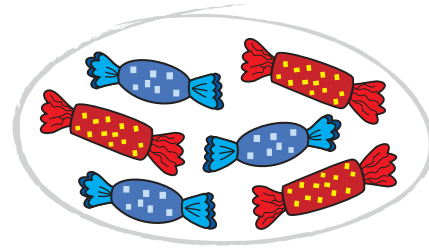
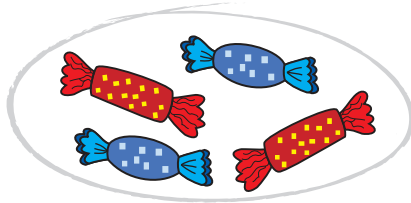
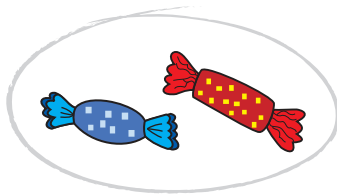
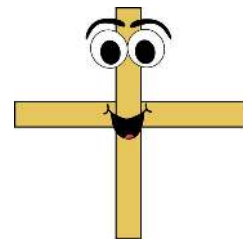
Addition

Addition means **putting things together**.

When we add numbers we get their **sum**.

The sign of addition is **+**.

We read **+** as **plus**.



We write:

2

and

4

make

6

as: $2 + 4 = 6$

We read this as: 2 plus 4 equals 6.

EXERCISE 2

1. Count and add.

a)

$\square + \square = \square$

b)

$\square + \square = \square$

2. Count and add.

a)

2
+ 3

b)

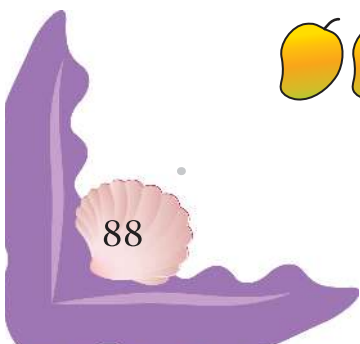
4
+ 3

c)

5
+ 2

d)

3
+ 3



3. Add by drawing lines.

a)
$$\begin{array}{r} 2 \\ + 3 \\ \hline 5 \\ \hline \end{array}$$
 || |

b)
$$\begin{array}{r} 3 \\ + 1 \\ \hline \\ \hline \end{array}$$
 || |

c)
$$\begin{array}{r} 3 \\ + 4 \\ \hline \\ \hline \end{array}$$
 || | | |

d)
$$\begin{array}{r} 5 \\ + 4 \\ \hline \\ \hline \end{array}$$

e)
$$\begin{array}{r} 4 \\ + 4 \\ \hline \\ \hline \end{array}$$

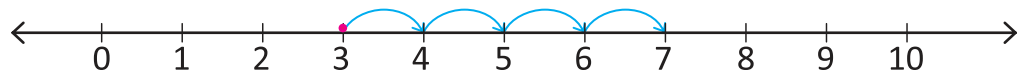
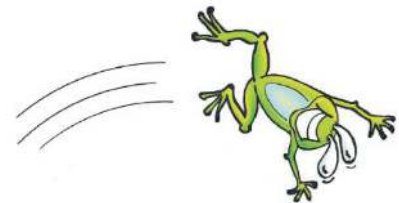
f)
$$\begin{array}{r} 5 \\ + 2 \\ \hline \\ \hline \end{array}$$

Adding on the number line

Add 3 and 4 on the number line.

Step 1: Start at 3.

Step 2: Count forward 4 times. You reach 7.

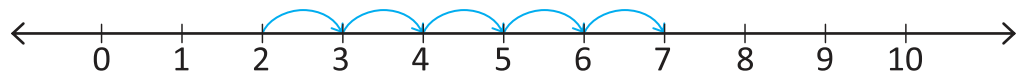


$$3 + 4 = 7$$

EXERCISE 3

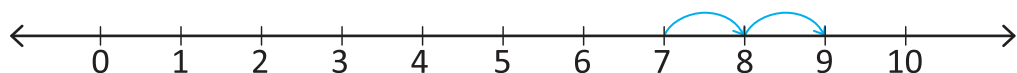
Add on number line.

a) Add 2 and 5.

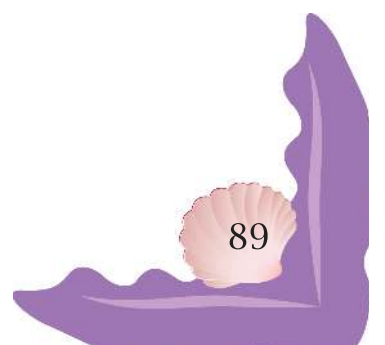


$$2 + 5 = \square$$

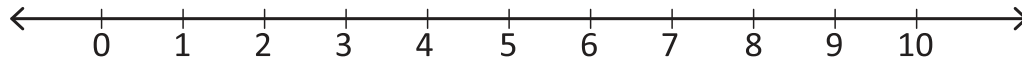
b) Add 7 and 2.



$$7 + 2 = \square$$



c) Add 6 and 4.



$$6 + 4 = \square$$

Addition by counting forward

We can add by counting forward.

Example: $7 + 2$

EXERCISE 4

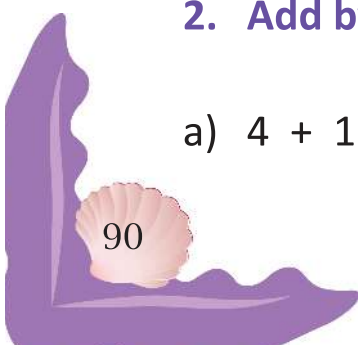
1. Add by counting forward.

a)

b)

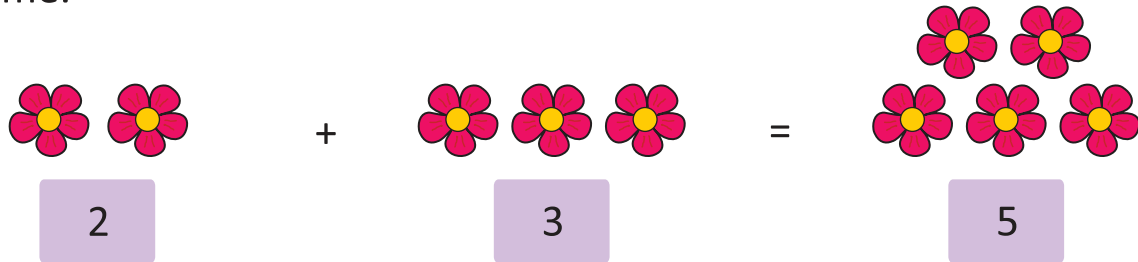
2. Add by counting forward.

a) $4 + 1 = \square$ b) $2 + 2 = \square$ c) $3 + 4 = \square$

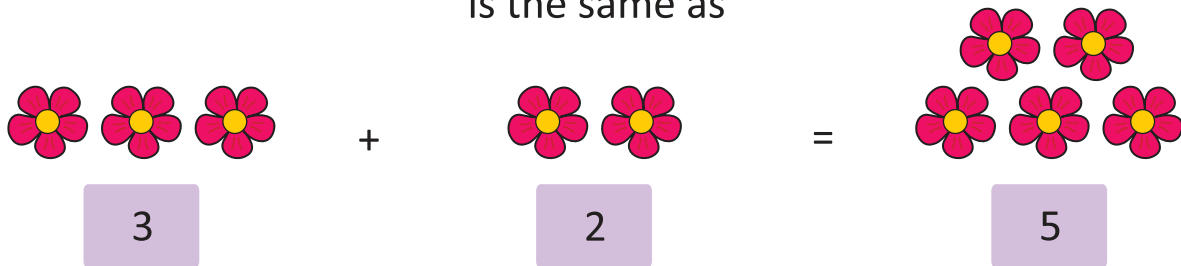


Properties of addition

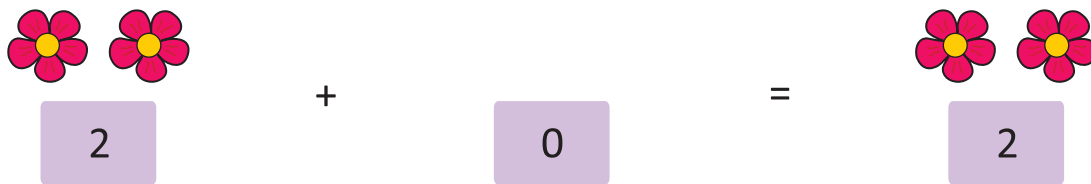
1. Two numbers can be added in any order. The answer remains the same.



is the same as



2. Adding zero to a number gives the same number.



EXERCISE 5

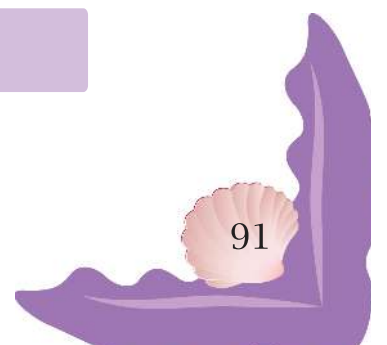
Fill in the boxes using the properties of addition.

a) $2 + 6 = \square + 2$

b) $3 + 4 = 4 + \square$

c) $9 + \square = 9$

d) $8 + 0 = \square$



Mixed Bag

(Concept, skill, application and thinking based)

1. Put a ✓ in the for the right answer. Put a ✗ for the wrong answer.

a) $2 + 3 = 5$

b) $3 + 1 = 5$

c) $5 + 3 = 9$

d) $6 + 3 = 9$

2. Choose the correct answer.

a) 4 red roses + 3 pink roses = _____ roses.

i. 5

ii. 7

iii. 10

b) 3 mangoes + 2 mangoes = _____ mangoes.

i. 5

ii. 3

iii. 6

3. Add by drawing lines.

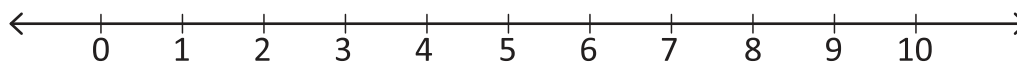
a)
$$\begin{array}{r} 3 \\ + 5 \\ \hline \\ \hline \end{array}$$

b)
$$\begin{array}{r} 2 \\ + 4 \\ \hline \\ \hline \end{array}$$

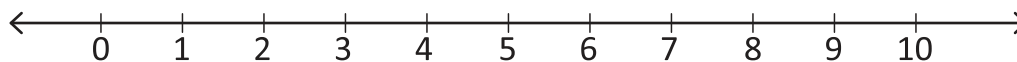
c)
$$\begin{array}{r} 7 \\ + 1 \\ \hline \\ \hline \end{array}$$

4. Add on the number line.

a) $4 + 3$



b) $2 + 2$

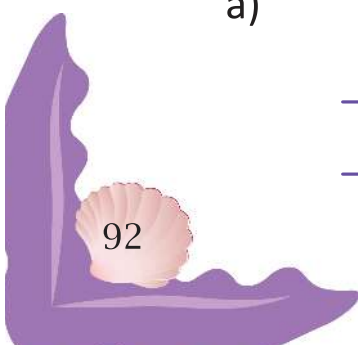


5. Add by counting forward.

a)
$$\begin{array}{r} 3 \\ + 6 \\ \hline \\ \hline \end{array}$$

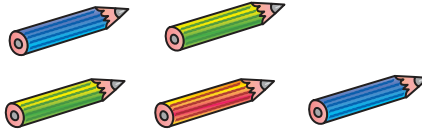
b)
$$\begin{array}{r} 4 \\ + 1 \\ \hline \\ \hline \end{array}$$

c)
$$\begin{array}{r} 8 \\ + 1 \\ \hline \\ \hline \end{array}$$



6. Solve the addition stories.

a) You have 2 pencils.

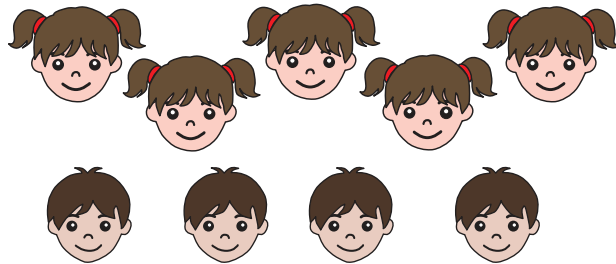


Ravi has 3 pencils.

How many pencils do Ravi and you have together?

Answer: _____

b) In a team there are 5 girls and 4 boys. How many children are there in the team?



Answer: _____

Mental Maths

FA

1. What is the sum of 1 and 3? _____

2. What is the sum of 7 and 0? _____

3. $4 + 1 = \underline{\quad} + 4$

4. $2 + \square = 3 + \square$

Hots

FA

1. Write the missing number.

a) $\underline{\quad} + 2 = 3$

b) $2 + \underline{\quad} = 4$

c) $6 + \underline{\quad} = 8$

d) $9 + \underline{\quad} = 9$

2. Add the 3 numbers by drawing lines.

a) $3 + 1 + 2 = \square$

b) $2 + 4 + 2 = \square$

Cross-curricular Questions

FA

1. In a basket, there are 7 apples, 2 oranges and 1 carrot. How many fruits are there in the basket?
2. You ate 5 plums and 2 mangoes. How many seeds are there on your plate?



Value-based Question

FA

Raju likes to share his things. He gave 5 chocolates to Ali and 4 to Sita. How many chocolates did he share in all?

Problem Solving

FA

Four children are sitting on chairs. There is one chair with no child on it. How many chairs are there?

Maths Lab Activity

FA

Objective: To teach the concept of putting things together

Material required: Counters, ice-cream spoons, or small stones

Method:

Step 1: Let children work in groups of 2. Give 10 counters to each group.

Step 2: Now call out 2 numbers say 3 and 4.

Step 3: Ask the students to make groups of 3 and 4 counters.

Step 4: Ask them to put together both the groups and count how many there are.

Let them say aloud, '3 and 4 make 7'.

Repeat the above steps with different numbers.

