

2 ADDITION UP TO 10

Warm Up

How many in all? ANS

- + = _____ birds
- + = _____ birds
- + = _____ birds

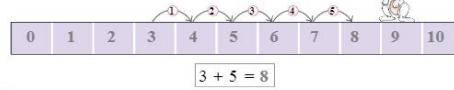
A. How many in all? Count and type. ANS

- and is $4 + 3 = 7$
- and is $\quad + \quad = \quad$
- and is $\quad + \quad = \quad$

Putting together two or more numbers is called addition.
The sign for addition is + (plus).

COUNTING FORWARDS TO ADD

Add 3 and 5 by counting forwards on the number strip.
Start at 3 and count forwards by 5. You will reach 8.



I Can Do It!

Add by counting forwards on the number strip. ANS

- $6 + 2 = 8$
- $3 + 2 = 5$
- $5 + 1 = 6$
- $4 + 3 = 7$
- $3 + 6 = 9$
- $2 + 8 = 10$

ADDING ZERO

	+		=	
4 ducks		0 ducks		4 ducks
4	+	0	=	4

	+		=	
0 baby birds		4 baby birds		4 baby birds
0	+	4	=	4

When you add 0 to a number, the answer is the number itself.

ADDING ONE

	+		=	
4	+	1	=	5

	+		=	
1	+	2	=	3

When you add 1 to a number, the answer is the number that comes just after it.

I Can Do It!

Add and type. ANS

- $6 + 0 = 6$
- $0 + 5 = 5$
- $9 + 0 = 9$
- $3 + 1 = 4$
- $7 + 1 = 8$
- $1 + 8 = 9$

ADDITION FACTS

Addition facts of 1

- $1 + 0 = 1$
- $0 + 1 = 1$

Addition facts of 2

- $2 + 0 = 2$
- $1 + 1 = 2$
- $0 + 2 = 2$

Addition facts of 3

- $3 + 0 = 3$
- $2 + 1 = 3$
- $1 + 2 = 3$
- $0 + 3 = 3$

Addition facts of 4

- $4 + 0 = 4$
- $3 + 1 = 4$
- $2 + 2 = 4$
- $1 + 3 = 4$
- $0 + 4 = 4$

Addition facts of 5

- $5 + 0 = 5$
- $4 + 1 = 5$
- $3 + 2 = 5$
- $2 + 3 = 5$
- $1 + 4 = 5$
- $0 + 5 = 5$

Addition facts of 6 ANS

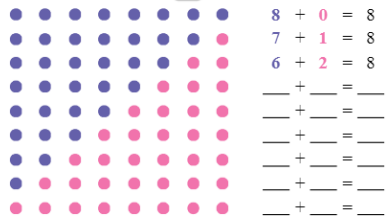
- $6 + 0 = 6$
- $5 + 1 = 6$
- $4 + 2 = 6$
- $\quad + \quad = \quad$
- $\quad + \quad = \quad$
- $\quad + \quad = \quad$
- $\quad + \quad = \quad$

Addition facts of 7 ANS

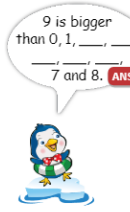
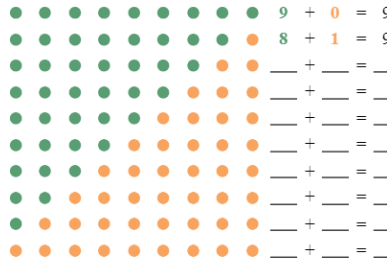
- $7 + 0 = 7$
- $6 + 1 = 7$
- $5 + 2 = 7$
- $\quad + \quad = \quad$
- $\quad + \quad = \quad$
- $\quad + \quad = \quad$
- $\quad + \quad = \quad$



Addition facts of 8 ANS



Addition facts of 9 ANS

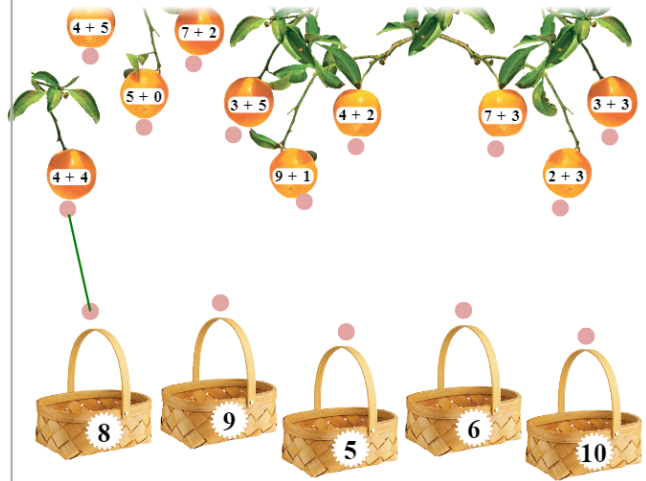


Addition facts of 10 ANS



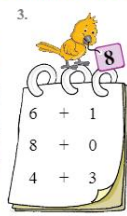
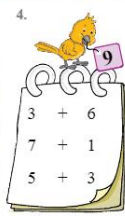


$__ + __ = __$
 $__ + __ = __$
 $__ + __ = __$
 $__ + __ = __$
 $__ + __ = __$



B. Add the numbers on the oranges. Click to draw a line to put each one in the correct basket. ANS



C. Click on the addition fact of the number that Clucky is holding. ANS

1.  $6 + 1$ $2 + 4$ $5 + 3$	2.  $2 + 5$ $0 + 6$ $3 + 3$	3.  $6 + 1$ $8 + 0$ $4 + 3$	4.  $3 + 6$ $7 + 1$ $5 + 3$
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VERTICAL ADDITION

  is the same as $\begin{array}{r} 3 \\ + 4 \\ \hline 7 \end{array}$

Numbers can be added left-right or up-down. The answer will be the same.

D. Add and type. ANS

1. $\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$	2. $\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$	3. $\begin{array}{r} 2 \\ + 0 \\ \hline \end{array}$	4. $\begin{array}{r} 3 \\ + 1 \\ \hline \end{array}$
5. $\begin{array}{r} 7 \\ + 3 \\ \hline \end{array}$	6. $\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$	7. $\begin{array}{r} 0 \\ + 8 \\ \hline \end{array}$	8. $\begin{array}{r} 8 \\ + 1 \\ \hline \end{array}$

E. Add and type. ANS

1. Fali has 2 and 4. $\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$	2. Anna has 9 and 1. $\begin{array}{r} 9 \\ + 1 \\ \hline \end{array}$
3. Mala has 1 and 8. $\begin{array}{r} 1 \\ + 8 \\ \hline \end{array}$	4. Zara has 1 and 6. $\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$
5. Jassi has 3 and 5. $\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$	

A Value for Me

Animals do not belong in cages. They must live free. Anna set free three birds. Alex set free two birds.



How many birds did they set free in all? ANS

ORDER IN ADDITION



$2 + 1 = 3$ cats is the same as $1 + 2 = 3$ cats.

Numbers can be added in any order. The answer will be the same. **ANS**

$$\begin{array}{|c|c|} \hline \star & \star \\ \hline \star & \star \\ \hline \end{array} + 1 = 4$$

$$\begin{array}{|c|c|} \hline \star & \star \\ \hline \star & \star \\ \hline \end{array} + 2 = 4$$

F. Fill in the blanks. **ANS**

- | | | |
|----------------|----------------|----------------|
| 1. $3 + 4 = 7$ | 2. $2 + 3 = 5$ | 3. $2 + 7 = 9$ |
| $4 + 3 = 7$ | $3 + 2 = 5$ | $7 + 2 = 9$ |
| 4. $5 + 3 = 8$ | 5. $0 + 6 = 6$ | 6. $5 + 1 = 6$ |
| $3 + 5 = 8$ | $6 + 0 = 6$ | $1 + 5 = 6$ |
| 7. $1 + 7 = 8$ | 8. $3 + 6 = 9$ | 9. $5 + 4 = 9$ |
| $7 + 1 = 8$ | $6 + 3 = 9$ | $4 + 5 = 9$ |



Ajay's age is less than 7 years. It is more than $2 + 3$. Ajay is 4 years old.

Click and place as many candles on the cake as his age.



ADDING THREE NUMBERS



3 balloons + 1 balloon + 2 balloons = 6 balloons

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

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

Numbers can be added in any order. The answer will be the same.

I Can Do It!

Add and type. **ANS**

- $$\begin{array}{r} 8 \\ 1 \\ + 0 \\ \hline 9 \end{array}$$
- $$\begin{array}{r} 4 \\ 1 \\ + 3 \\ \hline 8 \end{array}$$
- $$\begin{array}{r} 2 \\ 5 \\ + 1 \\ \hline 8 \end{array}$$
- $$\begin{array}{r} 3 \\ 2 \\ + 4 \\ \hline 9 \end{array}$$
- $$\begin{array}{r} 1 \\ 5 \\ + 3 \\ \hline 9 \end{array}$$
- $$\begin{array}{r} 0 \\ 2 \\ + 7 \\ \hline 9 \end{array}$$



RAVI'S ROOM - STORY SUMS



G. Add and type. **ANS**

- 1 car is on the shelf. 7 cars are on the floor.
 $1 + 7 = 8$
- 4 shoes are on the top shelf. 2 shoes are on the bottom shelf.
 $4 + 2 = 6$
- 1 teddy is on the chair. 1 teddy is in the book rack. 1 teddy is on the floor.
 $1 + 1 + 1 = 3$
- 5 books are on the shelf. 1 book is on the sofa.
 $5 + 1 = 6$



H. Add and type. **ANS**

- 6 ants are in the garden. 1 more ant joins them.

There are $6 + 1 = 7$ ants in all.



- 2 cats are under the table. 4 cats are on the table.

There are $2 + 4 = 6$ cats in all.



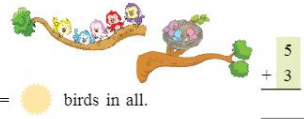
- Ajay has 3 books. Granny gives him 3 more books.

Now Ajay has $3 + 3 = 6$ books in all.



- 5 birds are on the branch. 3 birds are in the nest.

There are $5 + 3 = 8$ birds in all.



- 5 students are in the class. 2 students are walking in.

There are $5 + 2 = 7$ students in all.





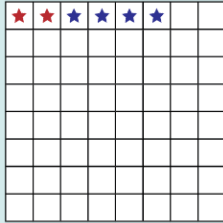
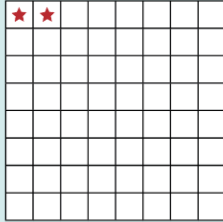
Maths Lab Activity

Aim: To add numbers

You will need: 8×8 grid of squared paper, red and blue sticker stars

Steps

- Form pairs of two students each. Place all the material on the teacher's table.
- The first pair of students walks to the teacher's table. The teacher calls out two numbers from 0 to 5. For example, she/he calls out 2 and 4.
- Student A pastes 2 red stars on the grid of paper.



- Student B pastes 4 blue stars on the same grid of paper.
- Then they count the total number of stars and write the answer in their notebooks.

The other pairs of students take turns to repeat steps 3, 4 and 5 with different numbers.



Mental Maths


A. Add the numbers in each row and column. ANS

1.
$$\begin{array}{r} + \\ 4 \ 3 \ 7 \\ 0 \ 3 \ 3 \\ \hline 4 \ 6 \end{array}$$

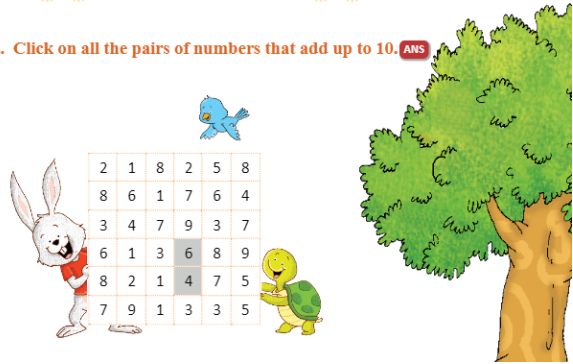
2.
$$\begin{array}{r} + \\ 2 \ 3 \\ 1 \ 1 \\ \hline \end{array}$$

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

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



B. Click on all the pairs of numbers that add up to 10. ANS



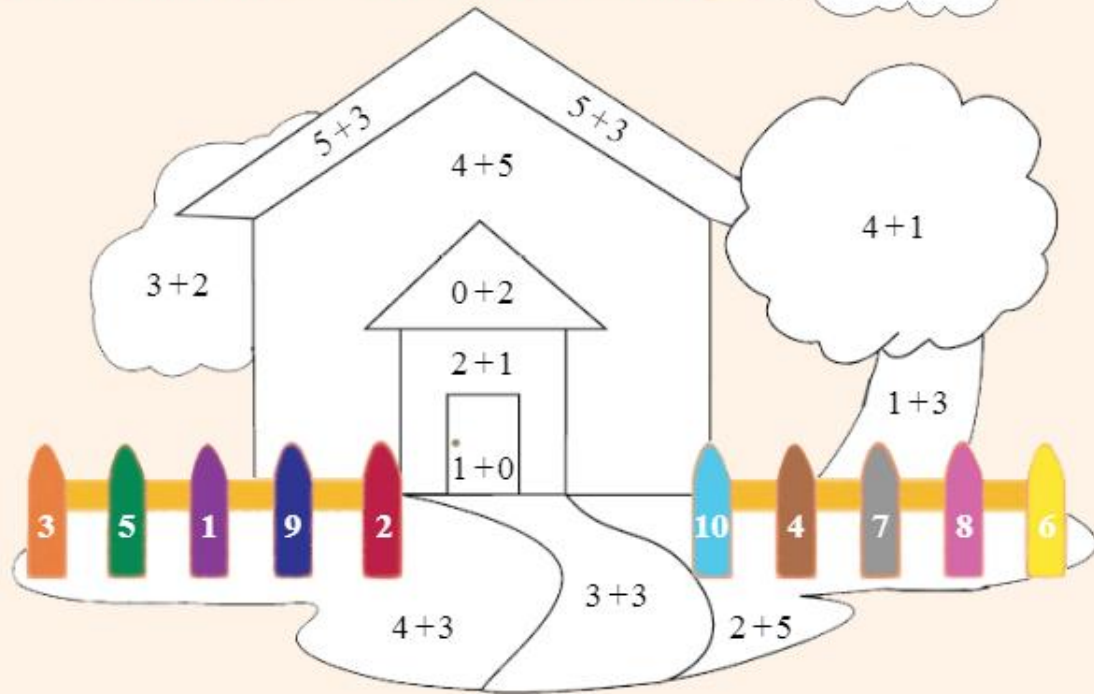
2	1	8	2	5	8
8	6	1	7	6	4
3	4	7	9	3	7
6	1	3	6	8	9
8	2	1	4	7	5
7	9	1	3	3	5



Worksheet

A. Add. Click and place the colour as shown. **ANS**

$5+5$

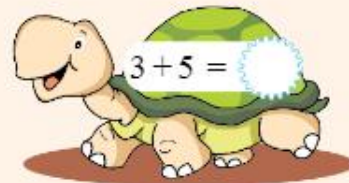


B. Add and type. **ANS**

1.



2.



3.



4.

