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# SUBTRACTION UP TO 10



## Warm Up



1 Click to cross out (X) to subtract. **ANS**



4 -  1 =  3 dolls





-  3 =  cars



-  5 =  soft toys

14 A. Click to cross out (X) to show how many are left. Type the answer. **ANS**

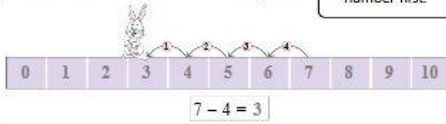
1.  5 - 4 = 1      2.  9 - 5 =
3.  8 - 3 =       4.  4 - 4 =

Taking away is called subtraction. The sign for subtraction is - (minus).

**COUNTING BACKWARDS TO SUBTRACT**

Subtract 4 from 7 by counting backwards. You can use a number strip to count backwards. Start at the bigger number. The bigger number is 7. Count backwards by 4.

**Quick TIP**  
To subtract, always write the bigger number first.




**I Can Do It!**


15 Subtract by counting backwards on the number strip. **ANS**

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



**SUBTRACTING ZERO**

  
5 pencils → no pencil taken out → 5 pencils       $5 - 0 = 5$

  
7 balls → no ball taken out → 7 balls       $7 - 0 = 7$

When you subtract 0 from a number, the answer is the number itself.

**SUBTRACTING ONE**

  
 $4 - 1 = 3$        $7 - 1 = 6$

When you subtract 1 from a number, the answer is the number just before it.

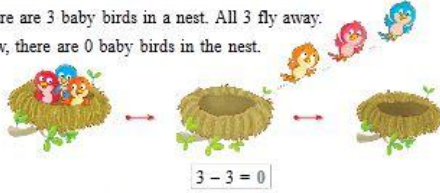
16 B. Subtract and type. **ANS**

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



### SUBTRACTING A NUMBER FROM ITSELF

There are 3 baby birds in a nest. All 3 fly away.  
Now, there are 0 baby birds in the nest.



When you subtract a number from itself, the answer is zero.



4 Subtract and type. **ANS**

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

### SUBTRACTING THE NUMBER JUST BEFORE

$6 - 5 = 1$        $4 - 3 = 1$        $2 - 1 = 1$

If you subtract the number just before the number itself, the answer will be 1.



4 Subtract and type. **ANS**

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



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### SUBTRACTION FACTS

Subtraction facts of 1

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

Subtraction facts of 2

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

Subtraction facts of 3

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

Subtraction facts of 4

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

Subtraction facts of 5 **ANS**

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

Subtraction facts of 6 **ANS**

$6 - 0 = 6$   
 $6 - 1 = 5$   
 $6 - 2 = 4$   
 $6 - 3 =$   
 $6 - 4 =$   
 $6 - 5 =$   
 $6 - 6 =$

Subtraction facts of 7 **ANS**

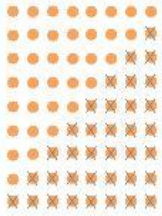
$7 - 0 = 7$   
 $7 - 1 = 6$   
 $7 - 2 =$   
 $7 - 3 =$   
 $7 - 4 =$   
 $7 - 5 =$   
 $7 - 6 =$   
 $7 - 7 =$

Tonight I see 7 stars. Yesterday there were 9. How many less today? **ANS**



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Subtraction facts of 8 **ANS**

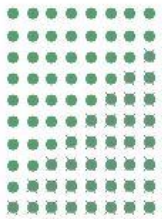


$$\begin{array}{r} 8 - 0 = 8 \\ 8 - 1 = 7 \\ 8 - 2 = \underline{\quad} \\ 8 - 3 = \underline{\quad} \\ 8 - 4 = \underline{\quad} \\ 8 - 5 = \underline{\quad} \\ 8 - 6 = \underline{\quad} \\ 8 - 7 = \underline{\quad} \\ 8 - 8 = \underline{\quad} \end{array}$$

I am 8 years old. My brother is 3 years younger than me. How old is he? **ANS**



Subtraction facts of 9 **ANS**



$$\begin{array}{r} 9 - 0 = 9 \\ 9 - 1 = 8 \\ 9 - 2 = \underline{\quad} \\ 9 - 3 = \underline{\quad} \\ 9 - 4 = \underline{\quad} \\ 9 - 5 = \underline{\quad} \\ 9 - 6 = \underline{\quad} \\ 9 - 7 = \underline{\quad} \\ 9 - 8 = \underline{\quad} \\ 9 - 9 = \underline{\quad} \end{array}$$

There were 9 bananas. I ate 1. Now there are 8 bananas!



Subtraction facts of 10

- 10** C. Click to cross out (X) and fill in the blanks to find the subtraction facts of 10. **ANS**

$$\begin{array}{r} 10 - 0 = 10 \\ 10 - 1 = 9 \\ 10 - 2 = \underline{\quad} \\ 10 - 3 = \underline{\quad} \end{array}$$



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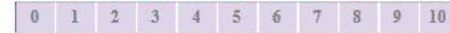
$$\begin{array}{r} 10 - 4 = \underline{\quad} \text{ **ANS** } \\ 10 - 5 = \underline{\quad} \\ 10 - 6 = \underline{\quad} \\ 10 - 7 = \underline{\quad} \\ 10 - 8 = \underline{\quad} \\ 10 - 9 = \underline{\quad} \\ 10 - 10 = \underline{\quad} \end{array}$$



**HOTS**  
Questions

- How many more butterflies will make 10 butterflies? **ANS**
- How many more flowers will make 8 flowers? **ANS**

- 10** D. Subtract with the help of the number strip. **ANS**



- Take away 2 from each number. type the answer below.



- Take away 4 from each number. type the answer below.



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**VERTICAL SUBTRACTION**



$3 - 1 = 2$  is the same as

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

**Get It Right!**

$3 - 1 = 2$  ✓  
 $1 - 3 = 2$  ✗

**E. Click to cross out (X) to subtract and type.**

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

2.  $\begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$

3.  $\begin{array}{r} 8 \\ - 3 \\ \hline \end{array}$

4.  $\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$

5.  $\begin{array}{r} 6 \\ - 6 \\ \hline \end{array}$

6.  $\begin{array}{r} 8 \\ - 7 \\ \hline \end{array}$



**Life Skills**

**SAFETY IN THE BUS**

Wait in a queue for a bus. Get in when your turn comes. Do this one by one.



There are 10 students. 6 are in the bus. How many are outside the bus? **ANS**

**PICNIC TIME – STORY SUMS**

**F. Subtract and type.**



- There are 9 children. 4 of them are boys. How many girls are there?  $\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$
- There are 4 swings. 2 children are on the swings. How many swings are empty?  $\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$
- There are 5 butterflies. All of them fly away. How many are left?  $\begin{array}{r} 5 \\ - 5 \\ \hline \end{array}$
- There are 6 balloons in the bunch. Rohan bursts 1 balloon. How many are left?  $\begin{array}{r} 6 \\ - 1 \\ \hline \end{array}$
- 10 apples are needed. There are 6 apples on the plate. How many more apples are needed?  $\begin{array}{r} 10 \\ - 6 \\ \hline \end{array}$
- There were 10 sandwiches in the basket. Hari ate 2. How many are left?  $\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$

**G. Look at the picture and answer.** ANS

1. There are 3 sheep. 1 ran away. How many are left?
2. There are 4 chicks. 2 are near the hen. How many are far away?
3. There are 10 mangoes. 3 are in the basket. How many mangoes are on the tree?
4. Which are more: cows or sheep? How many more?
5. Which are less: rabbits or ducks? How many less?



**A Value for Me**



**We all share the work at home.** ANS

1. Papa has to iron 10 clothes. He has ironed 8. How many more clothes does he have to iron?

$$10 - 8 = \bigcirc$$

2. There are 9 plants in the garden. Grandpa has watered 4. How many more does he have to water?

$$\bigcirc - \bigcirc = \bigcirc$$

3. Mili made 5 glasses of banana shake. Mili and Mini drank 1 glass each. How many glasses are left?

$$\bigcirc - \bigcirc = \bigcirc$$

4. Mummy made 7 dosas. Mini and Mili ate 2. How many are left?

$$\bigcirc - \bigcirc = \bigcirc$$

## Maths Lab Activity

**Aim:** To subtract numbers

**You will need:** 10 colourful clay balls



**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 1 to 10. For example, she/he calls out 9 and 3.
- Student A counts and picks out the greater number of clay balls called (here, 9). From these, she/he crushes the smaller number of clay balls called (here, 3).
- Student B counts the balls that remain. Then she/he writes the subtraction fact in the given table.



Number of balls picked	Number of balls crushed	Subtraction fact
9	3	$9 - 3 = 6$

The other groups do the same with their clay balls to get their subtraction facts.



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## Mental Maths

### A. Subtract and type. **ANS**

- $3 - 3$
- $6 - 4$
- $8 - 7$
- $7 - 1$
- $6 - 0$
- $5 - 2$
- $7 - 3$
- $9 - 2$
- $8 - 3$
- $10 - 8$



### B. Subtract each row and column. **ANS**

- |   |   |   |
|---|---|---|
| 6 | 5 | 1 |
| 4 | 3 | 1 |
| 2 | 2 |   |
- |   |   |
|---|---|
| 8 | 7 |
| 7 | 6 |
|   |   |
- |    |   |
|----|---|
| 10 | 7 |
| 7  | 4 |
|    |   |
- |   |   |
|---|---|
| 9 | 5 |
| 5 | 1 |
|   |   |



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## Worksheet

10 Compare the number of objects in A and B. Fill in the table. **ANS**



A



B

Objects	A	B	How many less?
Hockey sticks	7	4	3
Footballs		8	2
Cricket bats	9		4
Board games	3	1	
Rackets		6	1
Shuttlecocks	7		3
Tennis balls	8	2	