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# Subtraction

## Let Us Learn About

- Subtraction of 2-digit numbers
- Subtraction of 3-digit numbers
- Subtraction of zero from a number
- Relation between addition and subtraction
- Word problems





## Previous Connect

- When we subtract, we 'take away' something and find how much is left.
- '-' sign is used to denote the subtraction.
- If zero is subtracted from any number, the answer is the number itself.
- Vertical and horizontal subtraction

$$9 - 7 = 2$$

$$8 - 3 = 5$$

$$7 - 5 = 2$$

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

$$\begin{array}{r} 7 \\ -5 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 9 \\ -3 \\ \hline 6 \end{array}$$

- If you take away zero from any number, you get the same number.



# Remember

Subtract:

$$\begin{array}{r} 61 \\ -40 \\ \hline 21 \end{array}$$

$$\begin{array}{r} 97 \\ -27 \\ \hline 70 \end{array}$$

Find the difference:

$$\begin{array}{r} 23 \\ -17 \\ \hline 06 \end{array}$$

$$\begin{array}{r} 77 \\ -48 \\ \hline 29 \end{array}$$

$$\begin{array}{r} 35 \\ -39 \\ \hline 06 \end{array}$$

Subtract by drawing lines.

6. Vishesh has a ₹50 note. He bought toys worth ₹30.      50 rupees  
How much money is left with Vishesh?                                      - 30 rupees  
20 rupees

7. Rimmi has 15 frocks in her almirah. She gave away 15 frocks  
7 of them to Simmi. How many frocks are left in her almirah now?      - 7 frocks  
8 frocks



## Quick Check

1. Subtract the following:

a. T O  
5 8  
- 3 2  
2 6

b. T O  
3 9  
- 1 5  
2 4

c. T O  
3 8  
- 2 4  
1 4

d. T O  
6 5  
- 2 3  
4 2

2. Write in columns and subtract.

a. Subtract 28 from 69.

b. Subtract 34 from 85.

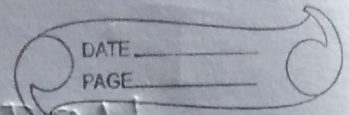
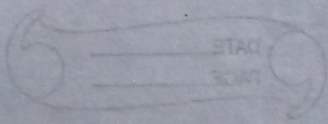
c. Subtract 54 from 65.

d. Subtract 68 from 78.

Step 4:

Her

With P



Q.2

a.

Sol.  $\Rightarrow$

$$\begin{array}{r} 69 \\ - 28 \\ \hline 41 \end{array}$$

Sol.

$$\begin{array}{r} 85 \\ - 34 \\ \hline 51 \end{array}$$

c.

Do your self

d.

Do your self

# Quick Check

1. Let us subtract.

a. 37 from 55.  $\Rightarrow$

$$\begin{array}{r} \textcircled{9} \quad \textcircled{4} \textcircled{15} \\ 55 \\ -37 \\ \hline 18 \end{array}$$

c. 56 from 70.

b. 25 from 54.  $\Rightarrow$

$$\begin{array}{r} \textcircled{4} \textcircled{14} \\ \textcircled{6} \quad 54 \\ -25 \\ \hline 29 \end{array}$$

d. 19 from 91.

2. Subtract the following:

a.

$$\begin{array}{r} \textcircled{5} \quad \textcircled{13} \\ \textcircled{6} \quad \textcircled{3} \end{array}$$

$$-3 \quad 4$$

$$\boxed{29}$$

b.

$$\begin{array}{r} \textcircled{6} \quad \textcircled{12} \\ \textcircled{7} \quad \textcircled{2} \end{array}$$

$$-5 \quad 8$$

$$\boxed{14}$$

c.

$$\begin{array}{r} \textcircled{7} \quad \textcircled{18} \\ \textcircled{8} \quad \textcircled{8} \end{array}$$

$$-6 \quad 9$$

$$\boxed{19}$$

d.

$$\begin{array}{r} \textcircled{8} \quad \textcircled{11} \\ \textcircled{9} \quad \textcircled{1} \end{array}$$

$$-5 \quad 6$$

$$\boxed{35}$$



# Mental Maths

1. Write the number in the box so that the first subtraction gives you an answer that is some whole tens. Then subtract the other number. One is done for you.

a.  $(32 - \boxed{2}) - 4 = \boxed{26}$

b.  $(45 - \boxed{5}) - 3 = \boxed{37}$

c.  $(83 - \boxed{3}) - 5 = \boxed{75}$

d.  $(53 - \boxed{\phantom{00}}) - 8 = \boxed{\phantom{00}}$

e.  $(27 - \boxed{\phantom{00}}) - 2 = \boxed{\phantom{00}}$

f.  $(94 - \boxed{\phantom{00}}) - 9 = \boxed{\phantom{00}}$

g.  $(58 - \boxed{\phantom{00}}) - 1 = \boxed{\phantom{00}}$

h.  $(72 - \boxed{\phantom{00}}) - 7 = \boxed{\phantom{00}}$

2. The number to be subtracted is shown at the top. Subtract it into two parts. First subtract to get the previous whole tens. Then subtract the rest.

$$\begin{array}{c}
 -5 \\
 \diagup \quad \diagdown \\
 (51 - \underline{1}) - \underline{4} = \boxed{46}
 \end{array}$$

$$\begin{array}{c}
 -7 \\
 \diagup \quad \diagdown \\
 (62 - \underline{2}) - \underline{5} = \boxed{55}
 \end{array}$$

$$\begin{array}{c}
 -4 \\
 \diagup \quad \diagdown \\
 (33 - \underline{3}) - \underline{1} = \boxed{29}
 \end{array}$$

$$\begin{array}{c}
 -6 \\
 \diagup \quad \diagdown \\
 (75 - \underline{\phantom{00}}) - \underline{\phantom{00}} = \boxed{\phantom{00}}
 \end{array}$$

$$\begin{array}{c}
 -7 \\
 \diagup \quad \diagdown \\
 (63 - \underline{\phantom{00}}) - \underline{\phantom{00}} = \boxed{\phantom{00}}
 \end{array}$$

$$\begin{array}{c}
 -4 \\
 \diagup \quad \diagdown \\
 (74 - \underline{\phantom{00}}) - \underline{\phantom{00}} = \boxed{\phantom{00}}
 \end{array}$$



## Quick Check

Complete the subtraction.

1. 7 tens - 3 tens =  tens

-  =

3. 5 tens - 1 ten =  tens

-  =

2. 8 tens - 4 tens =  tens

-  =



## Quick Check

1. Subtract the following:

a. H T O

$$\begin{array}{r} 969 \\ -414 \\ \hline \end{array}$$

555

b. H T O

$$\begin{array}{r} 735 \\ -124 \\ \hline \end{array}$$

611

c. H T O

$$\begin{array}{r} 626 \\ -413 \\ \hline \end{array}$$

213

d. H T O

$$\begin{array}{r} 383 \\ -242 \\ \hline \end{array}$$

2. Let us subtract:

a. Subtract 72 from 189.

b. Subtract 85 from 298.

Sol<sup>n</sup>

$$\begin{array}{r} 189 \\ -72 \\ \hline 117 \end{array}$$

$$\begin{array}{r} 298 \\ -85 \\ \hline 213 \end{array}$$





## Quick Check

Subtract the following:

1.    H    T    O  
      3   8   0  
     -1   2   6  
     **2 5 4**

2.    H    T    O  
      1   5   7  
     -1   0   9  
     **0 4 8**

3.    H    T    O  
      5   6   0  
     -2   2   8  
     **3 3 2**

4.    H    T    O  
      7   5   2  
     -4   2   5  
     **3 2 7**

# Quick Check

Subtract the following:

1.  $\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 8 \quad 14 \quad 3 \\ - 4 \quad 7 \quad 1 \\ \hline 4 \quad 7 \quad 2 \end{array}$

2.  $\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 6 \quad 10 \quad 8 \\ - \quad 6 \quad 4 \\ \hline 6 \quad 4 \quad 4 \end{array}$

3.  $\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 3 \quad 11 \quad 7 \\ - 3 \quad 4 \quad 4 \\ \hline 0 \quad 7 \quad 3 \end{array}$

4.  $\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 7 \quad 9 \quad 7 \\ - 1 \quad 2 \quad 9 \\ \hline 7 \quad 6 \quad 8 \end{array}$

5.  $\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 7 \quad 11 \quad 16 \\ 8 \quad 2 \quad 6 \\ - 2 \quad 9 \quad 7 \\ \hline 5 \quad 2 \quad 9 \end{array}$

6.  $\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 6 \quad 10 \quad 11 \\ 7 \quad 1 \quad 1 \\ - 4 \quad 8 \quad 5 \\ \hline 2 \quad 2 \quad 6 \end{array}$

7.  $\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 5 \quad 11 \quad 13 \\ 6 \quad 2 \quad 3 \\ - 5 \quad 4 \quad 7 \\ \hline 0 \quad 7 \quad 6 \end{array}$

8.  $\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 9 \quad 2 \quad 6 \\ - 4 \quad 6 \quad 8 \\ \hline \end{array}$

9.  $\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 5 \quad 1 \quad 2 \\ - 2 \quad 8 \quad 7 \\ \hline \end{array}$

10.  $\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 2 \quad 2 \quad 2 \\ - 1 \quad 4 \quad 8 \\ \hline \end{array}$

11.  $\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 7 \quad 3 \quad 7 \\ - 5 \quad 8 \quad 6 \\ \hline \end{array}$

12.  $\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 9 \quad 0 \quad 9 \\ - 4 \quad 1 \quad 9 \\ \hline \end{array}$

# Mental Maths

Use the basic fact to help you subtract hundreds.

1. 
$$\begin{array}{r} 8 \\ - 3 \\ \hline 5 \end{array}$$

8 hundreds  
- 3 hundreds  
**5 hundreds**

$$\begin{array}{r} 800 \\ - 300 \\ \hline 500 \end{array}$$

2. 
$$\begin{array}{r} 7 \\ - 2 \\ \hline 5 \end{array}$$

7 hundreds  
- 2 hundreds  
**5 hundreds**

$$\begin{array}{r} 700 \\ - 200 \\ \hline 500 \end{array}$$

3. 
$$\begin{array}{r} 8 \\ - 7 \\ \hline \end{array}$$

8 hundreds  
- 7 hundreds  
**hundreds**

$$\begin{array}{r} 800 \\ - 700 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 9 \\ - 6 \\ \hline \end{array}$$

9 hundreds  
- 6 hundreds  
**hundreds**

$$\begin{array}{r} 900 \\ - 600 \\ \hline \end{array}$$





## Mental Maths

Fill in the boxes:

1.  $39 - \boxed{0} = 39$

3.  $199 - \boxed{0} = 199$

5.  $\boxed{\phantom{000}} - 0 = 999$

7.  $723 - 0 = \boxed{\phantom{000}}$

2.  $57 - 0 = \boxed{57}$

4.  $\boxed{645} - 0 = 645$

6.  $254 - 0 = \boxed{\phantom{000}}$

8.  $399 - \boxed{\phantom{000}} = 399$



## Mental Maths

Fill in the blanks.

1.  $73 - 35 = 38$  and  $38 + 35 = 73$

2.  $624 - 167 = 457$  and  $457 + 167 = 624$

3.  $977 - \square = 519$  and  $519 + \square = 977$

4.  $369 - 0 = \square$  and  $0 + \square = 369$

# Quick Check

Solve these questions.

1. A green-grocer had 120 oranges. 20 of them were rotten. How many good oranges were there?



2. There were 47 children in a class. 16 of them came late on a rainy day. How many children came on time?



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Q.1

Sol =>

Total oranges = 120

Rotten oranges = 20

So Good oranges = 120  
- 20

Ans. => 100 oranges

Q.2

Sol =>

Total no. of children = 47

Children came late = 16

children came on time

= 47

- 16

Ans : -> 31 children

3. Madhu bought 200 toffees on her birthday. She distributed 130 toffees. How many toffees are left with her?



4. 400 books were there in a bookshop. 150 of them were in Hindi. How many books were there in English?



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Q.3

Sol  $\Rightarrow$

Total = toffees = 200

Distributed = 130

left = 200

- 130

070 toffees

Q.4

Sol  $\Rightarrow$

Total books = 400

Hindi books = 150

English books = 400  
- 150

Ans :  $\rightarrow$  250



## Let us Practise

1. Subtract the following:

a.    T    O

8    9

- 8    5

04

b.    T    O

7    2

- 6    1

11

c.    T    O

9    9

- 6    5

34

d.    T    O

4    8

- 2    6



2. Write in columns and subtract.

a. Subtract 70 from 89.

$$\begin{array}{r} 89 \\ - 70 \\ \hline 19 \end{array}$$

b. Subtract 46 from 86.

$$\begin{array}{r} 86 \\ - 46 \\ \hline 40 \end{array}$$

3. Subtract the following:

a.  $\begin{array}{r} \textcircled{7} \textcircled{15} \\ 8 \quad 5 \\ - 4 \quad 7 \\ \hline 3 \quad 8 \end{array}$

b.  $\begin{array}{r} \textcircled{1} \textcircled{18} \\ 2 \quad 8 \\ - 1 \quad 9 \\ \hline 0 \quad 9 \end{array}$

c.  $\begin{array}{r} \textcircled{3} \textcircled{12} \\ 4 \quad 4 \\ - 3 \quad 8 \\ \hline 0 \quad 6 \end{array}$

d.  $\begin{array}{r} \textcircled{6} \textcircled{15} \\ 7 \quad 5 \\ - 5 \quad 7 \\ \hline 1 \quad 8 \end{array}$

e.  $\begin{array}{r} \text{T} \quad \text{O} \\ 8 \quad 2 \\ - 5 \quad 8 \\ \hline \end{array}$

f.  $\begin{array}{r} \text{T} \quad \text{O} \\ 6 \quad 3 \\ - 2 \quad 9 \\ \hline \end{array}$

g.  $\begin{array}{r} \text{T} \quad \text{O} \\ 5 \quad 8 \\ - 3 \quad 9 \\ \hline \end{array}$

h.  $\begin{array}{r} \text{T} \quad \text{O} \\ 2 \quad 8 \\ - 1 \quad 9 \\ \hline \end{array}$

4. Complete the subtraction.

a. 9 tens - 7 tens =  $\boxed{2}$  tens  
 $\boxed{90} - \boxed{70} = \boxed{20}$

b. 6 tens - 4 tens =  $\boxed{\quad}$  tens  
 $\boxed{\quad} - \boxed{\quad} = \boxed{\quad}$

5. Subtract the following:

a.  $\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 3 \quad 8 \quad 2 \\ - 1 \quad 6 \quad 1 \\ \hline 2 \quad 2 \quad 1 \end{array}$

b.  $\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 4 \quad 9 \quad 2 \\ - 1 \quad 3 \quad 1 \\ \hline 3 \quad 6 \quad 1 \end{array}$

c.  $\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 5 \quad 2 \quad 3 \\ - 2 \quad 1 \quad 1 \\ \hline \end{array}$

d.  $\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 8 \quad 0 \quad 8 \\ - 3 \quad 0 \quad 4 \\ \hline \end{array}$

6. Arrange in columns and subtract.

a. Subtract 61 from 485.

$$\begin{array}{r} 485 \\ - 61 \\ \hline 424 \end{array}$$

b. Subtract 82 from 394.

7. Find the difference.

a.  $\begin{array}{r} \textcircled{3} \textcircled{9} \textcircled{19} \\ 4 \quad 0 \quad 3 \\ - 3 \quad 8 \quad 8 \\ \hline 0 \quad 1 \quad 5 \end{array}$

b.  $\begin{array}{r} \textcircled{4} \textcircled{9} \textcircled{10} \\ 8 \quad 0 \quad 4 \\ - 4 \quad 2 \quad 5 \\ \hline 3 \quad 7 \quad 9 \end{array}$

c.  $\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 6 \quad 3 \quad 4 \\ - 4 \quad 2 \quad 6 \\ \hline \end{array}$

d.  $\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 2 \quad 2 \quad 2 \\ - 1 \quad 5 \quad 6 \\ \hline \end{array}$

8. Seema is 15 years younger than Reema. If Reema is 28 years old. What is Seema's age?
9. What is the difference if 2 tens and 5 ones is subtracted from 1 hundred? Write the difference in tens and ones.
10. There were 530 eggs in a basket. 210 of them broke. How many eggs are left now?
11. Mr Mittal is 25 years older to Mr Sharma. If Mr Mittal is 50 years old, how old is Mr Sharma?

Value Based Question

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HOTS

Q. 8

$$\begin{array}{r} 28 \\ - 15 \\ \hline 13 \end{array}$$

Q. 9

$$\begin{array}{r} 100 \\ - 25 \\ \hline 75 \end{array}$$

Q. 10

$$\begin{array}{r} 530 \\ - 210 \\ \hline 320 \end{array}$$

Q. 11

Do your self.