

Complete the following:

$$\begin{array}{r} \text{T O} \\ 42 \\ + 53 \\ \hline 95 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 25 \\ + 73 \\ \hline 98 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 78 \\ + 20 \\ \hline 98 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 35 \\ + 14 \\ \hline 49 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 40 \\ + 14 \\ \hline 54 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 18 \\ + 50 \\ \hline 68 \end{array}$$

Changing ones into tens.

We cannot have more than 9 in ones column.

$$\begin{array}{r} \text{T O} \\ 7 \\ + 3 \\ \hline 10 \end{array}$$



So we have changed 10 ones to 1 tens and 0 ones.

$$\begin{array}{r} \text{T O} \\ 7 \\ + 5 \\ \hline 12 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 8 \\ + 7 \\ \hline 15 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 9 \\ + 4 \\ \hline 13 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 4 \\ + 8 \\ \hline 12 \end{array}$$

More on addition

Help Bunny to solve this question.

$$\begin{array}{r} \text{T O} \\ 80 \\ + 19 \\ \hline 99 \end{array}$$



$$\begin{array}{r} \text{T O} \\ 29 \\ + 5 \\ \hline ? \end{array}$$



First add the ones.



$$\begin{array}{r} \text{T O} \\ 1 \\ 29 \\ + 5 \\ \hline 4 \end{array}$$



If there are more than 9 ones, change it to tens.



14 = 1 tens + 4 ones



$$\begin{array}{r} \text{T O} \\ 1 \\ 29 \\ + 5 \\ \hline 34 \end{array}$$



Now, you can write the tens under T and solve the question.



### Add 2-digit numbers: Changing ones

Remember: First add ones. If ones are more than 9, then carry ones to tens place.

$$\begin{array}{r} \text{T O} \\ \boxed{1} \\ 53 \\ + 28 \\ \hline 81 \end{array}$$



Now add these:

$$\begin{array}{r} \text{T O} \\ \boxed{1} \\ 79 \\ + 18 \\ \hline 97 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{1} \\ 58 \\ + 27 \\ \hline 85 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{1} \\ 67 \\ + 18 \\ \hline 85 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{1} \\ 65 \\ + 27 \\ \hline 92 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{1} \\ 49 \\ + 25 \\ \hline 74 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{1} \\ 28 \\ + 64 \\ \hline 92 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{1} \\ 54 \\ + 39 \\ \hline 93 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{1} \\ 29 \\ + 53 \\ \hline 82 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{1} \\ 77 \\ + 16 \\ \hline 93 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{1} \\ 61 \\ + 19 \\ \hline 80 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{1} \\ 58 \\ + 19 \\ \hline 77 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{1} \\ 48 \\ + 48 \\ \hline 96 \end{array}$$

### Addition : Word problems

Add to solve these problems.

In a class, there are 37 girls and 28 boys. How many students are there in all?

$$\begin{array}{r} \text{T O} \\ \boxed{1} \\ 37 \text{ girls} \\ + 28 \text{ boys} \\ \hline 65 \text{ students} \end{array}$$

Neha bought 48 mango toffees and 23 orange toffees. How many toffees did she buy?

$$\begin{array}{r} \text{T O} \\ \boxed{1} \\ 48 \text{ mango toffees} \\ + 23 \text{ orange toffees} \\ \hline 71 \text{ toffees} \end{array}$$

Ram has 78 white cows and 19 brown cows. How many cows does Ram have in all?

$$\begin{array}{r} \text{T O} \\ \boxed{1} \\ 78 \text{ white cows} \\ + 19 \text{ brown cows} \\ \hline 97 \text{ cows} \end{array}$$

Tina has 57 stamps. Her friend Jill gives her 32 stamps more. How many stamps does Tina have now?

$$\begin{array}{r} \text{T O} \\ \boxed{1} \\ 57 \text{ stamps} \\ + 32 \text{ stamps} \\ \hline 89 \text{ stamps} \end{array}$$

Kitty cat eats 38 rats in April and 25 rats in May. How many rats does she eat in two months?

$$\begin{array}{r} \text{T O} \\ \boxed{1} \\ 38 \text{ rats} \\ + 25 \text{ rats} \\ \hline 63 \text{ rats} \end{array}$$

Benu has 32 books in one bag and 42 in another bag. How many books does Benu have in all?

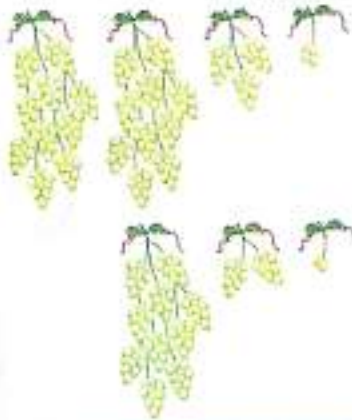
$$\begin{array}{r} \text{T O} \\ \boxed{1} \\ 32 \text{ books} \\ + 42 \text{ books} \\ \hline 74 \text{ books} \end{array}$$

On Sheetal's birthday, her friends gave her 46 gifts and her parents gave her 17 more gifts. How many gifts did Sheetal get in all?

$$\begin{array}{r} \text{T O} \\ \boxed{1} \\ 46 \text{ gifts} \\ + 17 \text{ gifts} \\ \hline 63 \text{ gifts} \end{array}$$

## Add 3-digit numbers

Let's add 234 and 122



$$\begin{array}{r}
 \text{H T O} \\
 234 \\
 + 122 \\
 \hline
 356
 \end{array}$$



## Add

$$\begin{array}{r}
 \text{H T O} \\
 887 \\
 + 112 \\
 \hline
 999
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 438 \\
 + 241 \\
 \hline
 679
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 638 \\
 + 341 \\
 \hline
 979
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 615 \\
 + 273 \\
 \hline
 888
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 168 \\
 + 610 \\
 \hline
 778
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 349 \\
 + 650 \\
 \hline
 999
 \end{array}$$

Remember: First add ones, next tens and last hundreds.

Now add these:

$$\begin{array}{r}
 \text{H T O} \\
 523 \\
 + 465 \\
 \hline
 988
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 617 \\
 + 262 \\
 \hline
 879
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 271 \\
 + 723 \\
 \hline
 994
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 666 \\
 + 133 \\
 \hline
 799
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 823 \\
 + 145 \\
 \hline
 968
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 125 \\
 + 630 \\
 \hline
 755
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 563 \\
 + 411 \\
 \hline
 974
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 842 \\
 + 127 \\
 \hline
 969
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 283 \\
 + 506 \\
 \hline
 789
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 343 \\
 + 535 \\
 \hline
 878
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 674 \\
 + 213 \\
 \hline
 887
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 833 \\
 + 156 \\
 \hline
 989
 \end{array}$$

Note for the teacher: Encourage your children to practice more questions in notebooks.

## Add 3-digit numbers: Changing ones

Solve this question:



Now I can add this. I remember: First add ones, if ones are more than 9, change to tens place. Then add tens. Last add hundreds.

$$\begin{array}{r}
 \text{H T O} \\
 \boxed{1} \\
 124 \\
 + 348 \\
 \hline
 472
 \end{array}$$

12 is more than 9. It is 1 ten & 2 ones.

Now add these:

$$\begin{array}{r}
 \text{H T O} \\
 \boxed{1} \\
 138 \\
 + 428 \\
 \hline
 564
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 \boxed{1} \\
 159 \\
 + 532 \\
 \hline
 691
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 \boxed{1} \\
 828 \\
 + 168 \\
 \hline
 996
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 \boxed{1} \\
 348 \\
 + 116 \\
 \hline
 464
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 \boxed{1} \\
 361 \\
 + 529 \\
 \hline
 890
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 \boxed{1} \\
 417 \\
 + 564 \\
 \hline
 981
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 \boxed{1} \\
 577 \\
 + 116 \\
 \hline
 693
 \end{array}$$

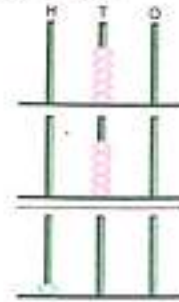
$$\begin{array}{r}
 \text{H T O} \\
 \boxed{1} \\
 318 \\
 + 427 \\
 \hline
 745
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 \boxed{1} \\
 524 \\
 + 259 \\
 \hline
 783
 \end{array}$$

## Changing tens into hundreds

$$\begin{array}{r}
 \text{H T O} \\
 50 \\
 + 50 \\
 \hline
 100
 \end{array}$$

10 tens is 1 hundred



$$\begin{array}{r}
 \text{H T O} \\
 \boxed{1} \\
 50 \\
 + 50 \\
 \hline
 100
 \end{array}$$

Now add these:

$$\begin{array}{r}
 \text{H T O} \\
 \boxed{1} \\
 63 \\
 + 45 \\
 \hline
 108
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 \boxed{1} \\
 72 \\
 + 85 \\
 \hline
 157
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 \boxed{1} \\
 68 \\
 + 60 \\
 \hline
 128
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 \boxed{1} \\
 73 \\
 + 54 \\
 \hline
 127
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 \boxed{1} \\
 69 \\
 + 50 \\
 \hline
 119
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 \boxed{1} \\
 49 \\
 + 70 \\
 \hline
 119
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 \boxed{1} \\
 80 \\
 + 30 \\
 \hline
 110
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 \boxed{1} \\
 44 \\
 + 75 \\
 \hline
 119
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 \boxed{1} \\
 90 \\
 + 21 \\
 \hline
 111
 \end{array}$$



Some more on addition



I can do it now.

First add the ones  
5 + 4 = 9 ones.

H T O

$$\begin{array}{r} 255 \\ + 174 \\ \hline \end{array}$$

9 H T O

H T O

$$\begin{array}{r} \square \\ 255 \\ + 174 \\ \hline 29 \end{array}$$

Now add the hundreds.

$$\begin{array}{r} \square \\ 255 \\ + 174 \\ \hline 425 \end{array}$$

Next add tens  
5 + 7 = 12 T  
12 T = 1 H + 2 T  
Carry it to hundreds place.



Add these:

$$\begin{array}{r} \text{H T O} \\ \square \\ 525 \\ + 394 \\ \hline 919 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \\ 363 \\ + 284 \\ \hline 647 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \\ 671 \\ + 183 \\ \hline 854 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \\ 483 \\ + 474 \\ \hline 957 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \\ 373 \\ + 465 \\ \hline 838 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \\ 793 \\ + 155 \\ \hline 948 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \\ 173 \\ + 386 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \\ 639 \\ + 190 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \\ 289 \\ + 520 \\ \hline \end{array}$$

Complete the questions by changing wherever necessary.

Remember: First add ones, next tens and lastly hundreds.



H T O

$$\begin{array}{r} \square \square \\ 356 \\ + 265 \\ \hline 621 \end{array}$$

Now add these:

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 657 \\ + 148 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 583 \\ + 217 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 437 \\ + 286 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 355 \\ + 193 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 628 \\ + 287 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 759 \\ + 167 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 595 \\ + 169 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 369 \\ + 568 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 215 \\ + 497 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 368 \\ + 585 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 149 \\ + 594 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 135 \\ + 237 \\ \hline \end{array}$$

### More word problems

There are 575 students in one school and 346 students in another school. How many students are there in all?

$$\begin{array}{r} \text{H T O} \\ \boxed{1} \boxed{1} \\ 575 \text{ students} \\ + 346 \text{ students} \\ \hline 921 \text{ students} \end{array}$$

There are 278 written pages and 159 picture pages in a book. What is the total number of pages in the book?

$$\begin{array}{r} \text{H T O} \\ \boxed{4} \boxed{3} \boxed{7} \\ 278 \text{ pages} \\ + 159 \text{ pages} \\ \hline 437 \text{ pages} \end{array}$$

Neha has 128 marbles in one box and 292 marbles in a bag. How many marbles does Neha have?

$$\begin{array}{r} \text{H T O} \\ \boxed{4} \boxed{2} \boxed{0} \\ 128 \text{ marbles} \\ + 292 \text{ marbles} \\ \hline 420 \text{ marbles} \end{array}$$

Geeta has 648 rupees. Sunita gives her 263 rupees. How many rupees does Geeta have now?

$$\begin{array}{r} \text{H T O} \\ \boxed{3} \boxed{8} \boxed{1} \\ 648 \text{ rupees} \\ - 263 \text{ rupees} \\ \hline 385 \text{ rupees} \end{array}$$

A factory makes 378 bottles in one day and 233 bottles the next day. How many bottles does the factory make in two days?

$$\begin{array}{r} \text{H T O} \\ \boxed{6} \boxed{1} \boxed{1} \\ 378 \text{ bottles} \\ + 233 \text{ bottles} \\ \hline 611 \text{ bottles} \end{array}$$

In a school, there are 337 girls and 128 boys. How many students are there in all?

$$\begin{array}{r} \text{H T O} \\ \boxed{4} \boxed{6} \boxed{5} \\ 337 \text{ girls} \\ + 128 \text{ boys} \\ \hline 465 \text{ students} \end{array}$$

Ex 2007-19

### SUBTRACTION

Do you remember subtraction?

Subtract these numbers:

$$\begin{array}{r} \text{T O} \\ 58 \\ - 22 \\ \hline 36 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 59 \\ - 19 \\ \hline 40 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 84 \\ - 24 \\ \hline 60 \end{array}$$

Draw the beads on the abacus and show subtraction.

$$\begin{array}{r} \text{T O} \\ 93 \\ - 80 \\ \hline 13 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 48 \\ - 32 \\ \hline 16 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 73 \\ - 20 \\ \hline 53 \end{array}$$

Now subtract these.

$$\begin{array}{r} \text{T O} \\ 77 \\ -15 \\ \hline 62 \end{array}$$



$$\begin{array}{r} \text{T O} \\ 80 \\ -40 \\ \hline 40 \end{array}$$



$$\begin{array}{r} \text{T O} \\ 48 \\ -32 \\ \hline 16 \end{array}$$



$$\begin{array}{r} \text{T O} \\ 99 \\ -63 \\ \hline 36 \end{array}$$



Complete the following:

$$\begin{array}{r} \text{T O} \\ 65 \\ -21 \\ \hline 44 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 38 \\ -13 \\ \hline 25 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 55 \\ -33 \\ \hline 22 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 49 \\ -38 \\ \hline 11 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 67 \\ -34 \\ \hline 33 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 79 \\ -55 \\ \hline 24 \end{array}$$

### More on subtraction

Help Lata to solve this question:

How can we take away 8 ones from 1 ones?



$$\begin{array}{r} \text{T O} \\ 31 \\ - 6 \\ \hline \end{array}$$



We need more ones. Take 1 ten from tens column and change it into 10 ones.

$$\begin{array}{r} \text{T O} \\ 2 \boxed{10} \\ - 3 \boxed{1} \\ \hline 6 \end{array}$$

Now we have,  $10 + 1 = 11$  ones



Now, I know how to do it.

$$\begin{array}{r} \text{T O} \\ 2 \boxed{10} \\ - 3 \boxed{1} \\ \hline 25 \end{array}$$

Now solve these:

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 126 \\ - 7 \\ \hline 119 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \square \\ 32 \\ - 8 \\ \hline 24 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \square \\ 25 \\ - 7 \\ \hline 18 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \square \\ 15 \\ - 6 \\ \hline 9 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \square \\ 42 \\ - 5 \\ \hline 37 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \square \\ 23 \\ - 8 \\ \hline 15 \end{array}$$

## Subtract 2-digit numbers

Remember: First change 1 ten into 10 ones and subtract ones. Then subtract the tens.

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 563 \\ - 36 \\ \hline 27 \end{array}$$



Now solve these:

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 564 \\ - 47 \\ \hline 27 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 452 \\ - 25 \\ \hline 27 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 450 \\ - 28 \\ \hline 22 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 32 \\ - 19 \\ \hline 13 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 563 \\ - 26 \\ \hline 37 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 785 \\ - 48 \\ \hline 27 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 456 \\ - 27 \\ \hline 29 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 77 \\ - 39 \\ \hline 38 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 583 \\ - 47 \\ \hline 16 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 455 \\ - 39 \\ \hline 16 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 893 \\ - 54 \\ \hline 29 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 71 \\ - 39 \\ \hline 32 \end{array}$$

## Subtraction: Changing

For these questions, change wherever necessary.

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 457 \\ - 19 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 32 \\ - 22 \\ \hline 10 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 48 \\ - 30 \\ \hline 18 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 581 \\ - 48 \\ \hline 13 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 345 \\ - 38 \\ \hline 07 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 560 \\ - 29 \\ \hline 31 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 37 \\ - 16 \\ \hline 21 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 29 \\ - 18 \\ \hline 11 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 87 \\ - 57 \\ \hline 30 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 668 \\ - 49 \\ \hline 19 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 340 \\ - 21 \\ \hline 19 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 453 \\ - 27 \\ \hline 26 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 452 \\ - 39 \\ \hline 18 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 341 \\ - 39 \\ \hline 02 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 70 \\ - 60 \\ \hline 10 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \boxed{10} \\ 49 \\ - 29 \\ \hline 20 \end{array}$$



**Subtraction : word problems**

21-08-2019  
Solve these problems.

Benu has 52 eggs but 28 are broken. How many eggs are left with Benu?	$\begin{array}{r} \text{H T O} \\ 52 \\ - 28 \\ \hline 24 \end{array}$
There are 62 students in II A. Out of 62, 25 are girls. How many boys are there in II A?	$\begin{array}{r} \text{H T O} \\ 62 \\ - 25 \\ \hline 37 \end{array}$
Avi had 74 beads. He gave 39 beads to Kamna. How many beads are left with Avi?	$\begin{array}{r} \text{H T O} \\ 74 \\ - 39 \\ \hline 35 \end{array}$
Tanu has 48 toffees. Sheetal has 29 toffees. How many more toffees does Tanu have?	$\begin{array}{r} \text{H T O} \\ 48 \\ - 29 \\ \hline 19 \end{array}$
Out of 87 chairs, 59 are broken. How many good chairs are still left?	$\begin{array}{r} \text{H T O} \\ 87 \\ - 59 \\ \hline 28 \end{array}$
Pussy has 34 rats. She eats 7 of them. How many rats are left with Pussy?	$\begin{array}{r} \text{H T O} \\ 34 \\ - 7 \\ \hline 27 \end{array}$

**Subtract 3-digit numbers**



$$\begin{array}{r} \text{H T O} \\ 969 \\ - 210 \\ \hline 759 \end{array}$$

**Remember:** First subtract ones, next tens and lastly hundreds.

Solve these questions

$\begin{array}{r} \text{H T O} \\ 587 \\ - 345 \\ \hline 242 \end{array}$	$\begin{array}{r} \text{H T O} \\ 387 \\ - 244 \\ \hline 143 \end{array}$	$\begin{array}{r} \text{H T O} \\ 895 \\ - 273 \\ \hline 622 \end{array}$
$\begin{array}{r} \text{H T O} \\ 177 \\ - 15 \\ \hline 162 \end{array}$	$\begin{array}{r} \text{H T O} \\ 947 \\ - 734 \\ \hline 213 \end{array}$	$\begin{array}{r} \text{H T O} \\ 624 \\ - 214 \\ \hline 410 \end{array}$
$\begin{array}{r} \text{H T O} \\ 804 \\ - 701 \\ \hline 103 \end{array}$	$\begin{array}{r} \text{H T O} \\ 948 \\ - 334 \\ \hline 614 \end{array}$	$\begin{array}{r} \text{H T O} \\ 626 \\ - 213 \\ \hline 413 \end{array}$
$\begin{array}{r} \text{H T O} \\ 700 \\ - 500 \\ \hline 200 \end{array}$	$\begin{array}{r} \text{H T O} \\ 414 \\ - 304 \\ \hline 110 \end{array}$	$\begin{array}{r} \text{H T O} \\ 648 \\ - 425 \\ \hline 223 \end{array}$

## Subtract 3-digit numbers : Changing tens

**Remember:** Borrow 1 ten and change it to 10 ones. Subtract ones first, tens next & hundreds last.



Now subtract these:

$$\begin{array}{r} \text{H T O} \\ \square \square 10 \\ 6 \cancel{2} 3 \\ - 2 1 4 \\ \hline 4 0 9 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square 10 \\ 5 \cancel{4} 7 \\ - 2 3 8 \\ \hline 3 1 9 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square 10 \\ 3 \cancel{8} 8 \\ - 1 3 9 \\ \hline 2 4 9 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square 10 \\ 4 \cancel{5} 4 \\ - 2 2 7 \\ \hline 2 3 7 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square 10 \\ 8 \cancel{5} 3 \\ - 5 1 7 \\ \hline 3 4 6 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square 10 \\ 9 1 8 \\ - 7 0 9 \\ \hline 2 0 9 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square 10 \\ 7 \cancel{5} 7 \\ - 4 1 9 \\ \hline 3 4 8 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square 10 \\ 8 \cancel{5} 2 \\ - 5 3 6 \\ \hline 3 5 4 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square 10 \\ 6 4 7 \\ - 3 3 9 \\ \hline 3 0 8 \end{array}$$

## Find the difference.

$$\begin{array}{r} \text{H T O} \\ \square \square 10 \\ 5 \cancel{2} 3 \\ - 3 0 4 \\ \hline 2 1 9 \end{array}$$

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

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 6 9 3 \\ - 2 3 6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 4 9 2 \\ - 2 8 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 6 5 6 \\ - 3 4 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 3 3 5 \\ - 1 1 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 8 4 3 \\ - 1 3 6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 8 7 2 \\ - 0 2 8 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 2 3 4 \\ - 1 1 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 3 4 5 \\ - 1 2 6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 6 5 0 \\ - 2 2 3 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 9 9 8 \\ - 8 8 9 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 3 4 5 \\ - 2 2 8 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 8 5 5 \\ - 7 2 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 7 2 3 \\ - 5 1 6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 6 5 2 \\ - 3 2 6 \\ \hline \end{array}$$

## Subtract 3-digit numbers : Changing hundreds

*Dist*

$$\begin{array}{r} \text{H T O} \\ 23 \overline{) 76} \\ - 195 \\ \hline 1 \end{array}$$

I cannot subtract 9 tens from 7 tens. I will borrow 1 hundred and change it to 10 tens.



Now, I can subtract.

$$\begin{array}{r} \text{H T O} \\ 23 \overline{) 76} \\ - 195 \\ \hline 181 \end{array}$$

Subtract these.

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 729 \\ - 538 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 615 \\ - 434 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 969 \\ - 387 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 243 \\ - 183 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 703 \\ - 482 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ \square \square \\ 565 \\ - 394 \\ \hline \end{array}$$

## Subtraction : Changing tens and hundreds

Avi has to solve this question:

*Dist*



I cannot do this question! Lata, please help me.

First subtract ones. We cannot subtract 5 from 3. So we change 1 ten into 10 ones.



$$\begin{array}{r} \text{H T O} \\ \square \square 10 \\ 6453 \\ - 265 \\ \hline 8 \end{array}$$

Next subtract tens. We cannot subtract 6 from 4. So we change 1 hundred into 10 tens. Lastly, we must subtract hundreds.



$$\begin{array}{r} \text{H T O} \\ \square \square 10 \\ 58453 \\ - 265 \\ \hline 88 \end{array}$$



Now I know...



$$\begin{array}{r} \text{H T O} \\ \square \square 10 \\ 58453 \\ - 265 \\ \hline 388 \end{array}$$



Now do these questions.

*Diff*

H T O □ □ □ 4567 3 - 395 <hr/> 178	H T O □ □ □ 8878 7 - 799 <hr/> 188	H T O □ □ □ 2334 7 - 198 <hr/> 142	H T O □ □ □ 5658 5 - 176 <hr/> 489
--	--	--	--

H T O □ □ □ 6745 0 - 273 <hr/> 477	H T O □ □ □ 5801 3 - 487 <hr/> 186	H T O □ □ □ 5867 5 - 387 <hr/> 258	H T O □ □ □ 7815 - 237 <hr/> 578
--	--	--	--

H T O □ □ □ 0165 - 095 <hr/> 070	H T O □ □ □ 308 - 278 <hr/> 170	H T O □ □ □ 1212 5 - 138 <hr/> 087	H T O □ □ □ 901 1 - 377 <hr/> 674
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H T O □ □ □ 462 - 288 <hr/> 174	H T O □ □ □ 565 - 286 <hr/> 279	H T O □ □ □ 653 - 381 <hr/> 272	H T O □ □ □ 863 - 291 <hr/> 572
---	---	---	---

More word problems

<p>There are 285 pages in Tom's English book. He has read 197 pages. How many pages are left for him to read?</p>	<table border="0"> <tr> <td style="text-align: center;">H T O □ □ □ 285 - 197 <hr/>088</td> </tr> </table> <p>088 pages left</p>	H T O □ □ □ 285 - 197 <hr/> 088
H T O □ □ □ 285 - 197 <hr/> 088		
<p>There are 157 mangoes and 80 apples in the kitchen. How many more mangoes than apples are there?</p>	<table border="0"> <tr> <td style="text-align: center;">H T O □ □ □ 157 - 80 <hr/>077</td> </tr> </table> <p>077 mangoes more</p>	H T O □ □ □ 157 - 80 <hr/> 077
H T O □ □ □ 157 - 80 <hr/> 077		
<p>There are 359 peaches in a box. 269 of them are rotten. How many good peaches are there in the box?</p>	<table border="0"> <tr> <td style="text-align: center;">H T O □ □ □ 359 - 269 <hr/>090</td> </tr> </table> <p>090 peaches</p>	H T O □ □ □ 359 - 269 <hr/> 090
H T O □ □ □ 359 - 269 <hr/> 090		
<p>Veena gets 615 marks and Archana gets 427 marks in an examination. How many more marks does Veena get?</p>	<table border="0"> <tr> <td style="text-align: center;">H T O □ □ □ 615 - 427 <hr/>188</td> </tr> </table> <p>188 marks</p>	H T O □ □ □ 615 - 427 <hr/> 188
H T O □ □ □ 615 - 427 <hr/> 188		
<p>A hunter catches 800 birds in a net. 198 birds fly away when he cuts the net. How many birds are left in the net?</p>	<table border="0"> <tr> <td style="text-align: center;">H T O □ □ □ 800 - 198 <hr/>602</td> </tr> </table> <p>602 birds</p>	H T O □ □ □ 800 - 198 <hr/> 602
H T O □ □ □ 800 - 198 <hr/> 602		
<p>A bakery shop had 250 cakes in the morning. It sells 65 cakes. How many cakes are left in the evening?</p>	<table border="0"> <tr> <td style="text-align: center;">H T O □ □ □ 250 - 65 <hr/>185</td> </tr> </table> <p>185 cakes</p>	H T O □ □ □ 250 - 65 <hr/> 185
H T O □ □ □ 250 - 65 <hr/> 185		



## BRAIN TEASERS

1. Fill in the blanks.

$35 + 12 = 12 + \square$

$50 + 10 = \square + 50$

$41 + \square = 28 + 41$

$\square + 90 = 90 + 9$

2. Put the right sign (+, -, =)

$50 + 9 \square 69$

$100 - 1 \square 99$

$74 \square 60 + 5$

$89 + 1 \square 78 + 1$

3. Put  or .

$500 + 60 + 9 = 569 \quad \square$

$846 = 800 + 40 + 6 \quad \square$

$388 = 300 + 8 + 8 \quad \square$

$100 - 4 = 95 \quad \square$

$86 = 90 - 4 \quad \square$

$405 \square 450 \quad \square$

$121 - 11 = 110 \quad \square$

$60 - 20 = 70 - 30 \quad \square$

$240 + 40 = 200 \quad \square$

$800 + 80 + 4 \square 888 \quad \square$

4. Complete the series.

939	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	944	<input type="text"/>
<input type="text"/>	<input type="text"/>	947	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
584	<input type="text"/>	<input type="text"/>	<input type="text"/>	588	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	593	<input type="text"/>	<input type="text"/>	<input type="text"/>

5. Solve.

$12 - 10 = \square \quad \square - 7 = 3 \quad 15 + 4 = \square$

$90 + 2 = \square \quad 60 + 9 = \square \quad 100 - 1 = \square$

$40 - 6 = \square \quad 90 - \square = 80 \quad 90 + 10 = \square$

## MONEY

### Do you remember coins & currency Notes?

These coins and currency notes are used in India.



We need money (Currency) to buy things. Indian money consists of rupees and paise. 100 paise makes 1 rupee.



We write ₹ for Rupee or Rupees, and P for Paise.

These Indian coins and currency notes are very rare to see now.



See the table given below and write the value in numbers.

Paise Coins	Rupee Coins	Notes
50 Paise	1 Rupee	5 Rupees
	2 Rupees	10 Rupees
	5 Rupees	20 Rupees
	10 Rupees	50 Rupees
		100 Rupees
		200 Rupees
		500 Rupees
		2000 Rupees

Seven rupees and fifty paise

=

₹ 7.50

Five rupees

=

Fifteen rupees and fifty paise

=

Thirty seven rupees

=

Ninety five rupees and fifty paise

=

Teacher : Give the children practice of writing value in numbers for paise other than fifty like 25, 60, 75, etc alongwith rupees.

## Adding rupees

Count the money and match it to the object you can buy with it.

$$\text{₹ } 5 + \text{₹ } 10 = \text{₹ } 15$$

$$\text{₹ } 1 + \text{₹ } 2 + \text{₹ } 5 = \text{$$

$$\text{₹ } 20 + \text{₹ } 20 + \text{₹ } 10 = \text{$$

$$\text{₹ } 1 + \text{₹ } 2 + \text{₹ } 2 = \text{$$

$$\text{₹ } 10 + \text{₹ } 5 + \text{₹ } 5 = \text{$$

$$\text{₹ } 20 + \text{₹ } 20 = \text{$$

$$\text{₹ } 20 + \text{₹ } 50 = \text{$$

$$\text{₹ } 10 + \text{₹ } 20 + \text{₹ } 5 = \text{$$



## Exchange your 100 rupee note

How many of these make 100 rupees?

₹ 20	<div style="display: flex; flex-wrap: wrap;"> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 20</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 20</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 20</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 20</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 20</div> </div>	$\text{₹ } 20 + \text{₹ } 20 + \text{₹ } 20 + \text{₹ } 20 + \text{₹ } 20 = \text{₹ } 100$ <p style="text-align: center;">or</p> $5 \text{ times } \text{₹ } 20 = \text{₹ } 100$
₹ 50	<div style="display: flex; flex-wrap: wrap;"> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 50</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 50</div> </div>	
₹ 10	<div style="display: flex; flex-wrap: wrap;"> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 10</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 10</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 10</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 10</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 10</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 10</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 10</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 10</div> </div>	
₹ 5	<div style="display: flex; flex-wrap: wrap;"> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 5</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 5</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 5</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 5</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 5</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 5</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 5</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 5</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 5</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 5</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 5</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 5</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 5</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 5</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 5</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 5</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 5</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">₹ 5</div> </div>	



## Adding rupees

The objects in each basket are of different values. Tick (✓) the baskets where the sum of the values of the objects make 100 rupees.














## Addition of rupees and paise



Remember - Paise are added with paise and rupees are added with rupees. Don't forget to write your answer in ₹ and P.

Do these questions. First one is done for you.

₹	P		₹	P
54	30		52	71
+ 18	20		+ 37	20
₹ 72 and 50 P				

₹	P		₹	P
507	48		829	25
+ 27	15		+ 38	15

₹	P		₹	P
55	25		210	80
+ 49	10		+ 300	00

₹	P		₹	P
66	60		512	35
+ 76	20		+ 200	25

₹	P		₹	P
370	38		128	17

₹	P		₹	P
516	77		120	22

₹	P		₹	P
10	65		56	05

₹	P		₹	P
55	15		86	10