

1. Circle the smallest number.

a. 11 7 9 16

b. 22 24 27 20

c. 33 43 23 73

d. 55 45 54 44

e. 65 56 66 60

f. 98 86 96 69

2. Tick the largest number.

a. 22 23 13 33

b. 40 70 60 50

c. 38 28 18 29

d. 84 88 48 44

e. 56 67 78 89

f. 90 19 99 98

3. Write in ascending order (from the smallest to the largest).

a. 14 21 24 4 11

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b. 33 23 32 30 31

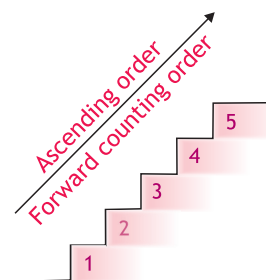
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c. 54 45 65 56 64

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d. 69 79 97 78 88

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4. Write in descending order (from the largest to the smallest).

a. 20 21 12 11 10

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b. 34 43 23 45 56

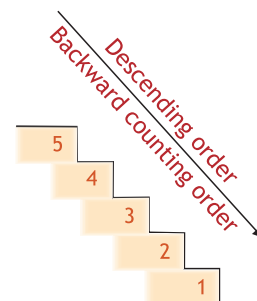
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c. 44 66 22 88 77

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d. 28 82 72 89 98

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Adding 2-digit numbers

Steps for adding 2-digit numbers

- ① First add the ones. ② Then add the tens.

$$23 + 45$$

2 tens + 3 ones + 4 tens + 5 ones

② $\xrightarrow{\quad}$ ① $\xrightarrow{\quad}$

= 6 tens + 8 ones = 68

① 3 + 5

$$23 + 45 = 68$$

② 2 + 4

T	O
2	3
+ 4	5
6	8

1. Add.

a.

T	O
2	4
+ 3	
2	7

b.

T	O
3	0
+ 5	

c.

T	O
	3
+ 7	2

d.

T	O
	5
+ 4	4

e.

T	O
7	0
+ 7	

f.

T	O
2	5
+ 1	3

g.

T	O
3	3
+ 2	2

h.

T	O
3	4
+ 4	5

i.

T	O
5	3
+ 3	6

j.

T	O
2	7
+ 6	2

k.

T	O
4	0
+ 3	0

l.

T	O
5	0
+ 2	6

m.

T	O
6	8
+ 3	0

n.

T	O
3	3
+ 5	4

o.

T	O
8	1
+ 1	8

2. Add.

a. $10 + 50 =$ b. $20 + 38 =$ c. $22 + 55 =$ d. $44 + 40 =$

e. $31 + 47 =$ f. $65 + 34 =$ g. $82 + 14 =$ h. $72 + 27 =$

1. Subtract.

a.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 20 \\ \cancel{3} \cancel{0} \\ -15 \\ \hline 15 \end{array}$$

b.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 40 \\ -28 \\ \hline \end{array}$$

c.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 50 \\ -33 \\ \hline \end{array}$$

d.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 60 \\ - \quad 6 \\ \hline \end{array}$$

e.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 80 \\ -47 \\ \hline \end{array}$$

2. Subtract.

a.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 25 \\ -16 \\ \hline \\ \hline \end{array}$$

b.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 47 \\ -29 \\ \hline \\ \hline \end{array}$$

c.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 51 \\ -22 \\ \hline \\ \hline \end{array}$$

d.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 54 \\ -46 \\ \hline \\ \hline \end{array}$$

e.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 66 \\ -39 \\ \hline \\ \hline \end{array}$$

f.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 56 \\ -28 \\ \hline \\ \hline \end{array}$$

g.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 65 \\ -56 \\ \hline \\ \hline \end{array}$$

h.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 71 \\ -27 \\ \hline \\ \hline \end{array}$$

i.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 84 \\ - \quad 7 \\ \hline \\ \hline \end{array}$$

j.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 80 \\ -49 \\ \hline \\ \hline \end{array}$$

3. Subtract.

a.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 42 \\ -26 \\ \hline \end{array}$$

b.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 61 \\ -35 \\ \hline \end{array}$$

c.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 74 \\ -19 \\ \hline \end{array}$$

d.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 72 \\ - \quad 9 \\ \hline \end{array}$$

e.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 76 \\ -38 \\ \hline \end{array}$$

f.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 70 \\ -57 \\ \hline \end{array}$$

g.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 73 \\ -37 \\ \hline \end{array}$$

h.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 82 \\ -35 \\ \hline \end{array}$$

i.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 88 \\ -49 \\ \hline \end{array}$$

j.
$$\begin{array}{r} \text{T} \quad \text{O} \\ 96 \\ -77 \\ \hline \end{array}$$



1. Do these sums as shown.

borrow to make 11

a.
$$\begin{array}{r} 1 \quad 1 \\ \cancel{2}1 - 9 = 12 \end{array}$$

b. $25 - 6$

c. $34 - 7$

d. $20 - 7$

e. $32 - 18$

f. $30 - 15$

1. Write in figures.

- a. two hundred and nine
- b. two hundred and twenty-seven
- c. two hundred and fifty-five
- d. two hundred and seventy-two
- e. two hundred and ninety-four

2. Write in words.

- a. 218
- b. 241
- c. 280
- d. 299
- e. 300

3. Write the missing numbers.

301	302			305	306				
		313							320
321									
			334				338		
		343							
	352								
361									
						377			
				385					
								399	400

4. Write the number names.

- a. 302
- b. 330
- c. 366
- d. 313
- e. 400

5. Write the numbers.

- a. three hundred and twenty-two
- b. three hundred and ten
- c. three hundred and seventy-four
- d. three hundred and thirty-three
- e. three hundred and ninety-six

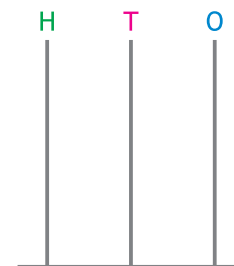


Activity Making numbers up to 999

You will need: A sheet of paper, a ruler, coloured pencils, paper clips or paper strips of 3 colours, like green, red and blue (9 of each colour)

1. Do this activity in a group.

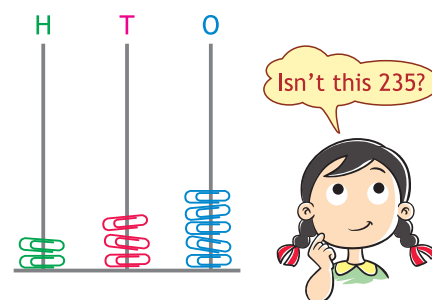
On the sheet of paper, draw an abacus as shown. The coloured clips or strips are the beads, or **counters**, of your abacus. Here,  = 1 hundred,  = 1 ten,  = 1 one.



2. The lines below **H**, **T** and **O** are for keeping counters of the same colour. You can put up to 9 counters on each line.

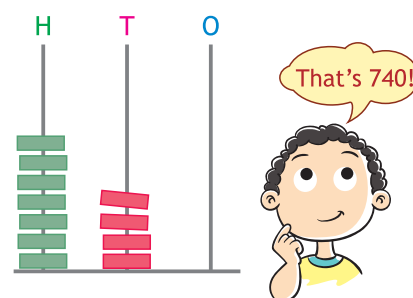
3. Make a number by placing counters as shown.

Let your friends guess the number you have made.



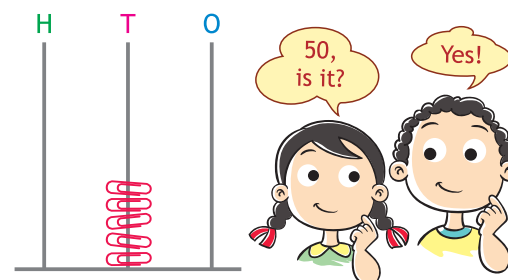
4. Do this activity several times. Everyone makes a number by turn. Others guess the number.

5. You may leave one or two lines empty. If the **H** line is empty, you get a 2-digit number. And if there are counters only on the **O** line, you get a 1-digit number.



6. Take the numbers 1, 2 and 3. Using these as digits and without repeating any, how many 3-digit numbers can you make?

Write them down here.



Practise Again 2

1. Write the short form and the number name.

a. $300 + 40 + 5$

b. $500 + 0 + 7$

c. $600 + 60 + 6$

d. $800 + 10 + 8$

e. $900 + 90 + 0$

2. Write the long form.

a. 487

b. 210

c. 609

d. 777

e. 886

f. 955

3. Write the place value of the circled digit.

a. 157

b. 436

c. 618

d. 513

e. 877

f. 444

g. 629

h. 940

i. 782

4. Write T for true and F for false.

a. 190 comes between 189 and 191. ☐

b. 761 is greater than both 716 and 671. ☐

c. 378 comes just after 387. ☐

d. $802 < 820$, but $802 > 800$. ☐

e. The place value of 6 in 560 is 6. ☐

f. The place value of 0 in 506 and 50 is 0. ☐

5. Write in ascending order.

372	273	237	322	733	523

6. Write in descending order.

706	670	176	607	760	716

Word Sums on Addition and Subtraction

1.



There were 110 earrings in a box. Ashu added 101. How many earrings are there now?

There are _____

H	T	O
1	1	0
+1	0	1
2	1	1

2.



A library has 435 storybooks and 342 other books. How many books does the library have?

H	T	O

3.



A store had 648 headphones when it opened. It had 324 headphones when it closed for the day. How many headphones were sold that day?

H	T	O

4.



A man made 546 phone calls in March. In April, his calls increased by 150. How many calls did he make in April?

H	T	O

5.



A zoo had 865 visitors on 1 January. This was 152 more than it had the day before. How many visitors came on 31 December?

H	T	O

Subtracting Numbers up to 3 Digits with Borrowing

Borrowing tens

H T O

4 5 3

- 2 3 5

O: 3 - 5 😞

→

H T O

4 ⁴ ¹³ 3

- 2 3 5

2 1 8

borrow

BRS:
Borrow.
Rewrite the regrouped number.
Subtract.

1. Subtract.

a.

H T O

1 ⁵ ¹⁵

- 1 4 8

1 7

b.

H T O

2 7 3

- 4 7

c.

H T O

3 3 0

- 2 8

d.

H T O

5 4 2

- 3 0 3

e.

H T O

2 4 4

- 2 1 9

f.

H T O

4 9 1

- 3 1 5

g.

H T O

6 1 6

- 5 0 8

h.

H T O

7 7 7

- 3 6 9

2. Subtract.

a.

H T O

4 5 8

- 2 9

b.

H T O

6 6 6

- 5 7

c.

H T O

4 1 1

- 2 0 2

d.

H T O

5 9 3

- 5 5 5

e.

H T O

6 9 0

- 3 0 9

f.

H T O

7 7 4

- 4 4 7

g.

H T O

8 9 6

- 5 4 7

h.

H T O

9 3 2

- 9 1 9

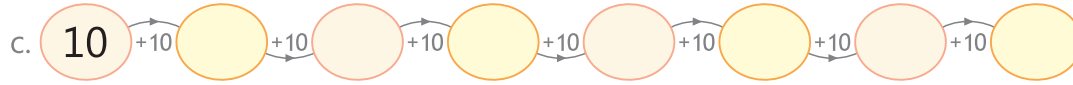
1. Count on your fingers and fill in.



$5 \times 3 = \underline{\hspace{2cm}}$



$6 \times 5 = \underline{\hspace{2cm}}$



$8 \times 10 = \underline{\hspace{2cm}}$



$7 \times 4 = \underline{\hspace{2cm}}$

2. Multiply on the number line.



3. Multiply by repeated addition.

a. $4 \times 5 = 5 + 5 + 5 + 5 =$

b. $3 \times 7 =$

c. $7 \times 3 =$

d. $6 \times 4 =$

e. $8 \times 2 =$



Activity Let us learn to change money

You will need: Strips of paper, crayons, scissors

Many currencies have coins for a large number of small parts such as cents and pence.

1. Let us make our own currency. We will call its unit **e-llar** (Er in short).

1 e-llar is made up of 100 smaller parts, each called an **e-cen** (ec in short).

$$\text{Er } 1 = 100 \text{ ec}$$

2. Cut out paper rectangles. These will be notes. Write different values on them.

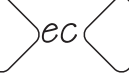


Cut out paper coins too, and write values on them.



For each type of note or coin, fold a long strip in half, then again in half and once again in half. Then cut, so that you get eight of each type.

3. Now, try changing a note or coin with notes or coins of smaller value. You can do it in several ways. Complete the table to see the different ways of changing a coin of 1 e-llar.

Coin/Note	Change
 1 e-llar	 ec  ec
	 ec  ec  ec  ec
	 ec  ec  ec  ec  ec  ec  ec  ec  ec  ec
	50 ec + 25 ec +
	50 ec + 10 ec + 10 ec +
	25 ec + 25 ec + 10 ec +

4. You can now play in a group with your money. Let a friend give you a coin or note, and you give change for it. All of you take turns at giving change.

	Rs	p
	1	1
	22	50
+	37	75
	60	25

① Add the paise.

$$50 \text{ p} + 75 \text{ p} = 125 \text{ p}$$

② Regroup: $100 \text{ p} + 25 \text{ p} = \text{Re } 1 + 25 \text{ p}$

Write 25 under paise.

Carry Re 1 to the ones place of rupees.

③ Add the rupees as usual.

	Rs	p
	1	1
₹	22	50
+	₹	37
	₹	60.25

1. Add.

a.

	Rs	p
	1	
	22	50
+		75
	1	00

b.

	Rs	p
		50
+		50

c.

	Rs	p
		70
+		35

d.

	Rs	p
		65
+		85

e.

	Rs	p
	22	20
+	10	80

f.

	Rs	p
	42	55
+	35	45

g.

	Rs	p
	59	30
+	70	95

h.

	Rs	p
	142	75
+	358	75

2. Add.

a.

₹	16.45
+	₹ 2.60

b.

₹	9.35
+	₹ 20.65

c.

₹	55.70
+	₹ 28.50

d.

₹	12.15
+	₹ 30.85
+	₹ 22.50

e.

Rs	58.40
+	Rs 40.85

f.

Rs	300.25
+	Rs 305.75

g.

Rs	146.45
+	Rs 450.75
+	Rs 23.00

h.

Rs	303.25
+	Rs 292.54
+	Rs 281.25

Word Sums on Subtracting Money

1.



Amir buys an exercise book for Rs 22. Earlier, it used to cost Rs 6.50 less. What was the old price?

The old price was Rs 15.50.

$$\begin{array}{r} \text{Rs } \overset{1}{\cancel{2}} \overset{\times 11}{\cancel{2}} . \overset{100}{\cancel{0}} \overset{\cancel{0}}{\cancel{0}} \\ - \text{Rs } 6 . 50 \\ \hline \text{Rs } 15 . 50 \end{array}$$

2.



Asha's father gave her a 100-rupee note. She spent 73 rupees and gave the rest back to her father. How much did she give back?

3.



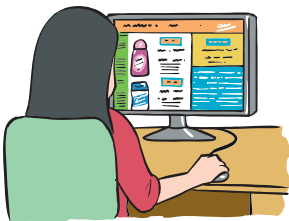
Mr Das lent ₹ 551 to Mr Roy. Mr Roy has paid back ₹ 365. How much more does he have to pay?

4.



A toy costs Rs 620. Anuj wants it. But he has Rs 495.50 only, so his uncle gives him the rest. How much does his uncle give him?

5.



Riya is buying shampoo online. She likes two. One costs ₹ 275.40 and the other, ₹ 300. She buys the cheaper one. How much does she save?
