# 6 Fun with Give and Take

## Cricket Match

In a cricket match, Sri Lanka made 235 runs.

India has made 123 runs. How many more runs does India need to win?

To win India must make 236 runs.

Runs India needs to win:

236 – 123 = ?

Guess...

To win India needs

(a) more than 100 runs

(b) less than 100 runs

Let's subtract by first taking away 1s from 1s

| | 100 | 10 | 1 |
|---|---|---|---|
| Runs to win | 2 | 3 | 6 |
| Runs by India – | 1 | 2 | 3 |
| Runs needed | 1 | 1 | 3 |

So we are left with 100 10 1 1 1

To win India must make 113 runs

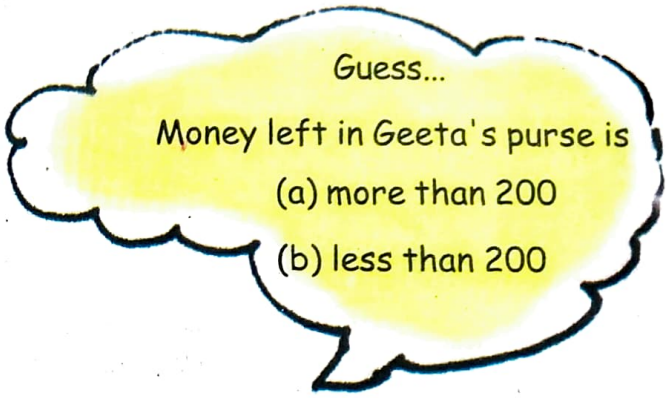
## Try it Yourself

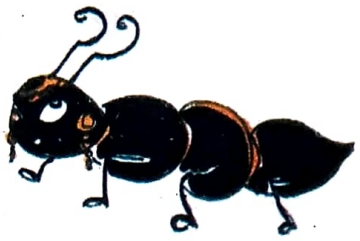
Geeta had Rs 368 in her purse.

She bought a book for Rs 123.

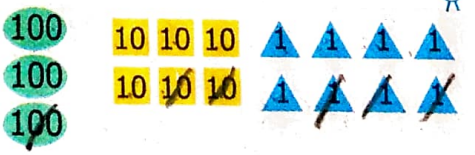
How much money is left in her purse?

Money left in her purse is Rs 368 – Rs 123 = ?



| | 100 | 10 | 1 |
|---|---|---|---|
| Money in Geeta's purse | 3 | 6 | 8 |
| Cost of book - | 1 | 2 | 3 |
| | 2 | 4 | 5 |




The teacher should discuss with students which number is to be placed above and why.

## Can You Help Nabeela?

Nabeela's mother sent her to the market to buy some things. She gave her Rs 245. Nabeela bought 1 kg ghee for Rs 127. The shopkeeper gave her back Rs 98.

(Kilogram is written as kg.)

Did the shopkeeper give her the right amount? No, 118

Let's find out.

| | 100 | 10 | 1 |
|---|---|---|---|
| Money Nabeela had | 2 | 4 | 5 |
| Cost of Ghee - | 1 | 2 | 7 |
| | | | |

100 100 10 10 10 10 1 1 1 1 1

We cannot take seven 1s from five 1s

So borrow 10

10 is 1 1 1 1 1 1 1 1 1 1

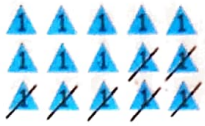
Now we have fifteen 1s

| | 100 | 10 | 1 |
|---|---|---|---|
| | 2 | 3 4 | 1 5 |
| - | 1 | 2 | 7 |
| | 1 | 1 | 8 |

100 100 10 10 10 1 1 1 1 1 1 1 1 1 1

| 100 | 10 | 1 |
|---|---|---|
| 2 | 3 4 | 1 5 |
| − 1 | 2 | 7 |
| | | |

100 10
100 10 10



From fifteen 1s take away seven 1s. Only eight 1s left.

| 100 | 10 | 1 |
|---|---|---|
| 2 | 3 4 | 1 5 |
| − 1 | 2 | 7 |
| | 1 | 8 |

100 10
100 10 10

Now take away 10s. Only one 10 left.

| 100 | 10 | 1 |
|---|---|---|
| 2 | 3 4 | 1 5 |
| − 1 | 2 | 7 |
| 1 | 1 | 8 |

100 10
100

Now take away 100s. Only one 100 left.

So tokens left are

100 10 1 1 1 1 1 1 1

1 1 8
9 8
2 0

The shopkeeper had to give Nabeela Rs 118.

How much more money should the shopkeeper give Nabeela? 20

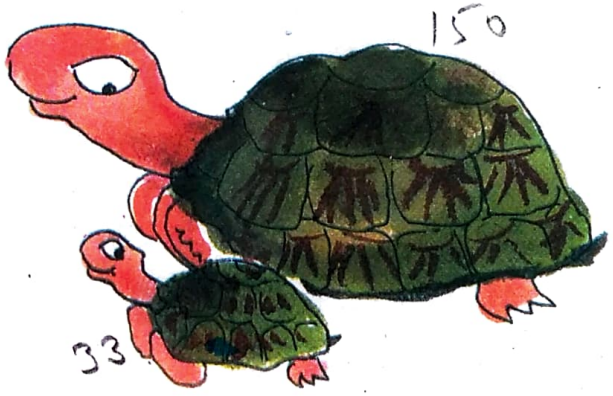
## Practice Time

1. Baby tortoise is 33 years old. Mummy tortoise is 150 years old. How much younger is Baby tortoise than Mummy tortoise?

   Age of Mummy tortoise: 150 years

   Age of Baby tortoise: 33 years

| | 100 | 10 | 1 |
|---|---|---|---|
| | 1 | $^{4}\not{5}$ | $^{1}0$ |
| − | | 3 | 3 |
| | 1 | 1 | 7 |




Baby tortoise is 117 years younger than Mummy tortoise.

2. Arvind has read 69 pages of a story book. Gouri has read 95 pages of that story book. Who has read more pages and how many more?

| | 10 | 1 |
|---|---|---|
| | 8 | |
| | $\not{9}$ | 15 |
| − | 6 | 9 |
| | 2 | 6 |

Teachers should motivate students to decide which operation they have to use to solve a problem. More such exercises can be given where students decide the appropriate operation.

3. Reena noted the electricity meter readings of her house. Last month's reading was 118 units. This month's reading is 193 units. How much electricity did she use in one month?

This month's reading 193

Last month's reading 118

| 100 | 10 | 1 |
|---|---|---|
| 1 | 8 / 9 | 13 |
| 1 | 1 | 8 |
| 0 | 7 | 5 |

She used 75 units of electricity.

4. Khushboo bought a shirt for Rs 125 and trousers for Rs 165. How much money did she spend altogether?

Bought a shirt for Rs 125

Bought trousers for Rs 165

| 100 | 10 | 1 |
|---|---|---|
| 1 | 6 | 5 |
| 1 | 2 | 5 |
| | 4 | 0 |

She spent Rs 40 altogether.

14/01 H.W.

5. Solve the following:

| | | | | |
|---|---|---|---|---|
| 17 − 3 | 14 + 3 | 39 − 10 | 12 + 24 | 86 − 58 |
| | | | | |

| | | | |
|---|---|---|---|
| 139 − 110 | 237 + 213 | 325 − 204 | 474 − 136 |
| | | | |

| | | |
|---|---|---|
| 642 − 413 | 49 + 20 | 135 + 146 |
| | | |

6. Check your answers yourself:

| | | | |
|---|---|---|---|
| **236** − 114 | 122 + 114 | **340** − 28 | 312 + 28 |
| 122 → | **236** | 312 → | **340** |

Check Rashi's subtraction using addition. Give her a ✓ for every right answer.

| | | | |
|---|---|---|---|
| − | 3 | 8 | 4 |
| | 2 | 4 | 3 |
| | 1 | 4 | 1 |

| | | | |
|---|---|---|---|
| + | 1 | 4 | 1 |
| | 2 | 4 | 3 |
| | 3 | 8 | 4 |

✓

| | | | |
|---|---|---|---|
| − | 4 | 6 | 8 |
| | 1 | 3 | 9 |
| | 2 | 2 | 1 |

| | | | |
|---|---|---|---|
| | 1 | | |
| + | 2 | 2 | 1 |
| | 1 | 3 | 9 |
| | 3 | 6 | 0 |

✗

| | | | |
|---|---|---|---|
| − | 3 | 5 | 6 |
| | 2 | 4 | 7 |
| | 1 | 1 | 9 |

| | | | |
|---|---|---|---|
| | 1 | | |
| + | 1 | 1 | 9 |
| | 2 | 4 | 7 |
| | 3 | 6 | 6 |

✗

| | | | |
|---|---|---|---|
| − | 4 | 6 | 8 |
| | 1 | 3 | 9 |
| | 2 | 2 | 1 |

| | | | |
|---|---|---|---|
| | 1 | | |
| + | 2 | 2 | 1 |
| | 1 | 3 | 9 |
| | 3 | 6 | 0 |

✗

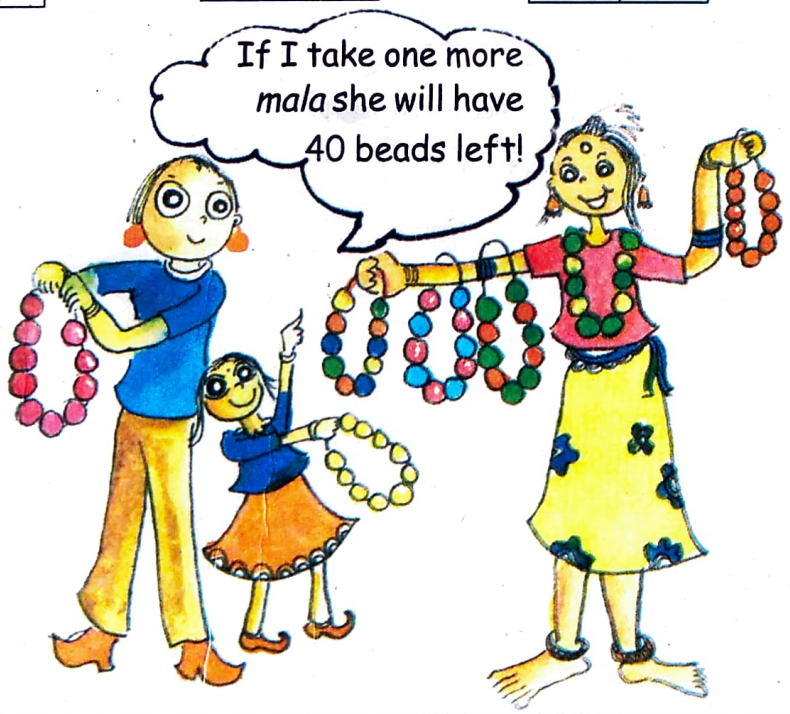
7. Fill in the missing numbers in the coloured boxes.

| | | |
|---|---|---|
| − | 7 | 8 |
| | 3 | 3 |
| | 4 | 5 |

| | | | |
|---|---|---|---|
| | | 1 | |
| − | ~~2~~ | 11 | 9 |
| | 1 | 8 | 7 |
| | 0 | 3 | 2 |

| | | |
|---|---|---|
| − | 9 | 6 |
| | 3 | 6 |
| | 6 | 0 |

| | | | |
|---|---|---|---|
| | | 3 | |
| − | 4 | ~~4~~ | 14 |
| | 2 | 3 | 8 |
| | 2 | 0 | 6 |

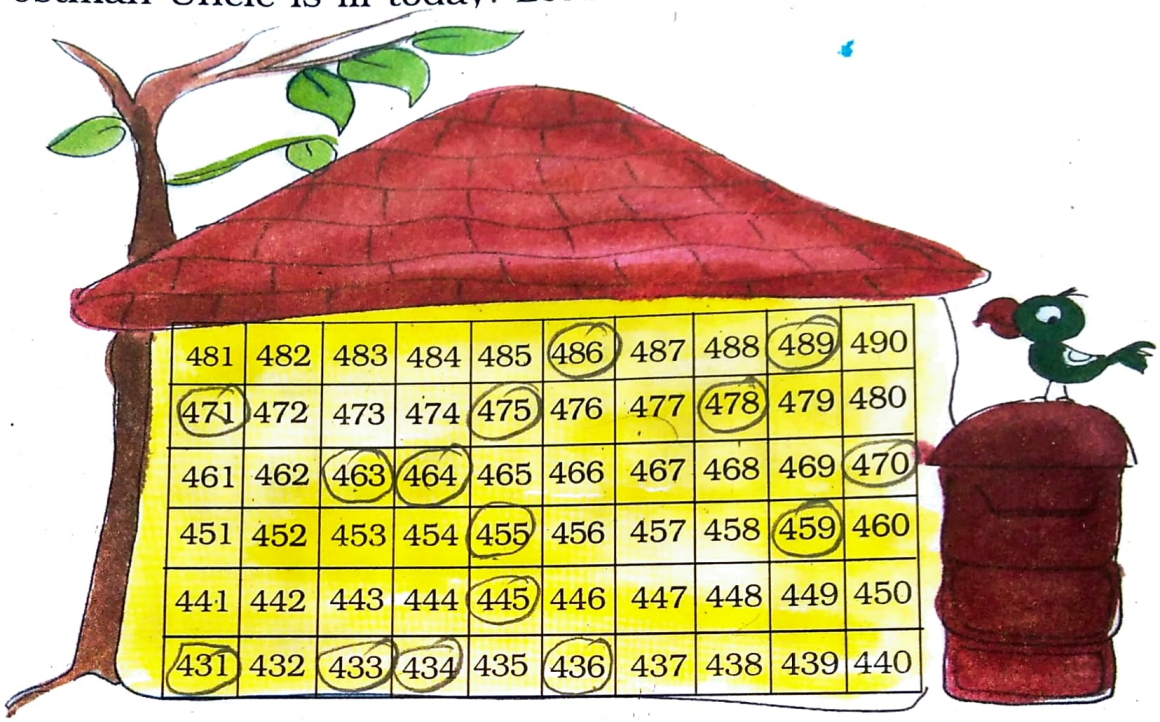



The teacher should encourage students to discuss and correct the wrong answers. Children love to correct others' mistakes (for a change!) and also learn from this process.

15/01 C.W

## Let's Deliver Letters

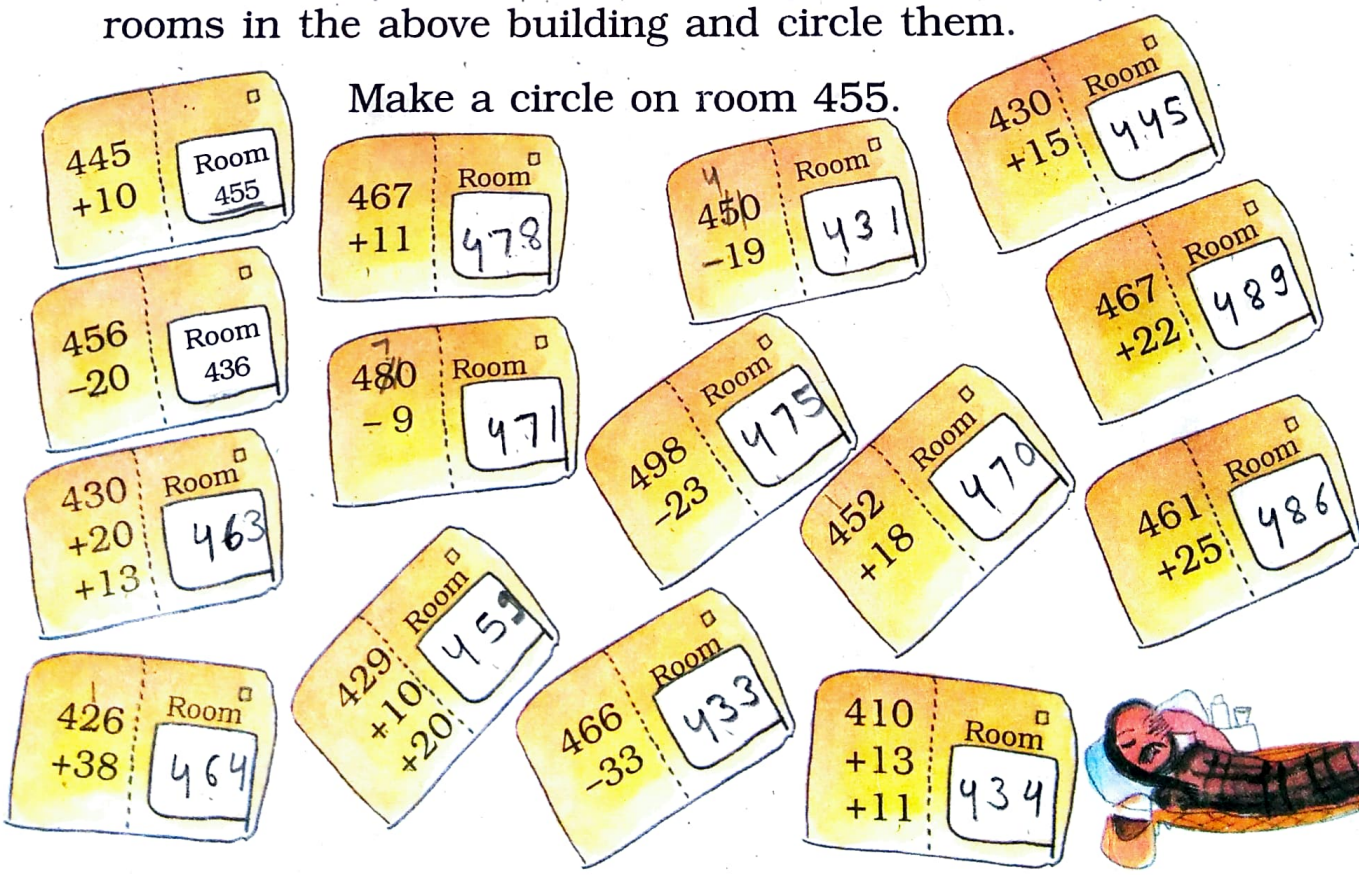
Postman Uncle is ill today. Let's deliver the letters for him.



| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 481 | 482 | 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490 |
| 471 | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480 |
| 461 | 462 | 463 | 464 | 465 | 466 | 467 | 468 | 469 | 470 |
| 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 |
| 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 |
| 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 |

Write the correct room numbers on the letters. Then find the rooms in the above building and circle them.

Make a circle on room 455.




The teacher should encourage students to solve the problems mentally using the above chart.

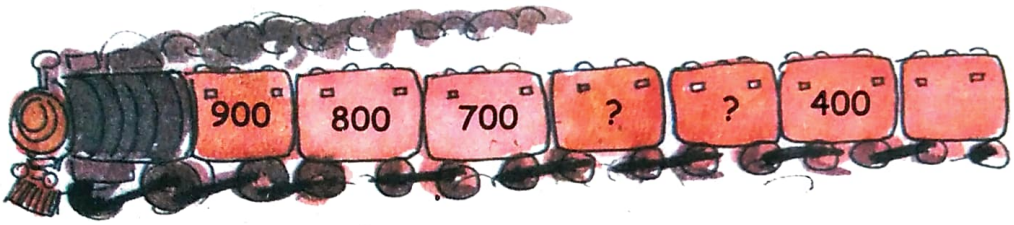
15/01 H.W.

## Find the Missing Numbers

Look at the number patterns. Write the missing numbers.

a) 100, 200, 300, ____, ____, 600, ____

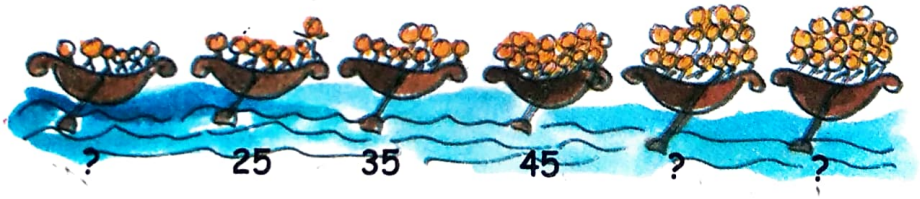
b)




c) 50, 100, 150, 200, ____, ____, ____, ____

d)

e)



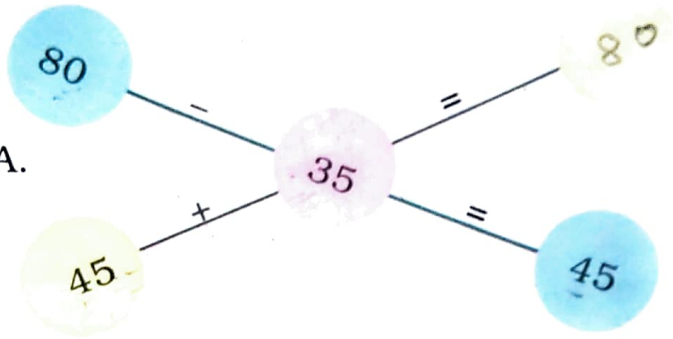

f) 280, 260, 240, ____, ____, ____, ____

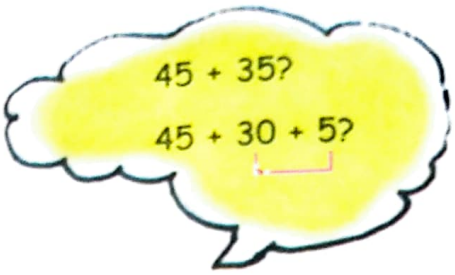
+25 → g) 125, 150, 175, 200, ____, 250, ____, ____

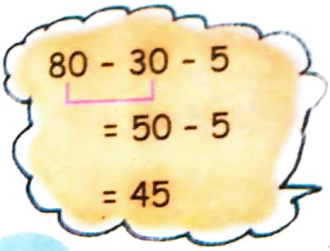
5 25

## Mental Maths

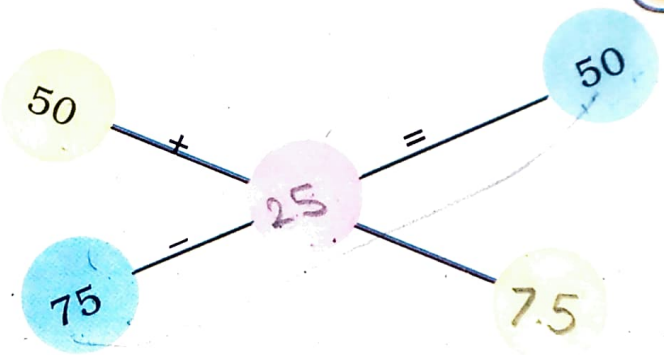
A.



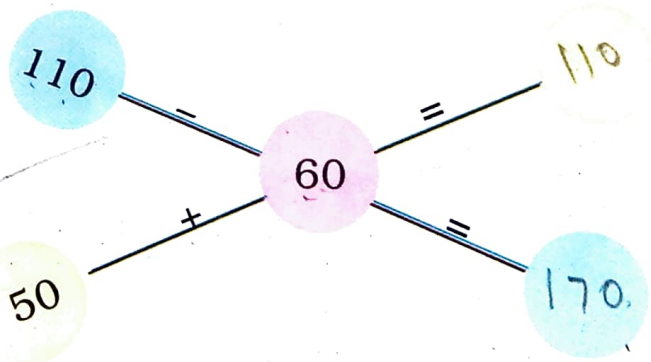





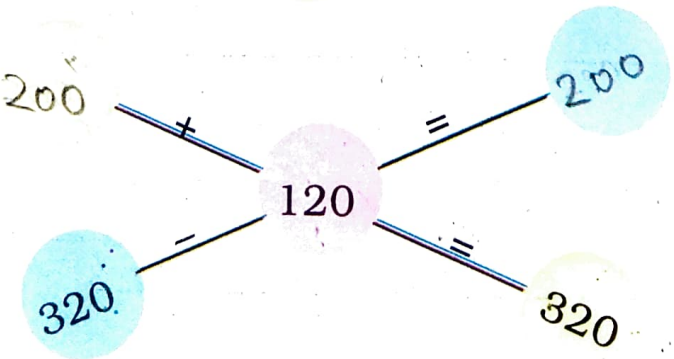
B.

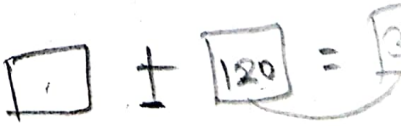



C.




D.



## Practice Time

1. Indu's pencil is 15 cm long.
   Jyoti's pencil is 8 cm long.
   Whose pencil is longer? Indu
   How much longer? 7 cm

2. Ask your Papa or Mummy
   Price of 1 kilo salt – 20
   Price of 1 kilo sugar – 50
   Which one is more costly? Sugar
   How much more does it cost? 30 Rs.

3. Ajay cooked *chapatis* in 25 minutes. Then he made *daal* in 15 minutes. How much time did he take to cook both things?
   25 + 15 = 40 min.

4. Chanchal sells school sweaters. In 2 days she sold some red, blue and grey coloured sweaters.

| | *Red* | *Blue* | *Grey* |
|---|---|---|---|
| Sweaters sold on first day | 38 | 66 | 74 |
| Sweaters sold on second day | 40 | 23 | 89 |
| | 78 | 89 | 163 |

1 1
74 40
38 23
112 89
152

Look at the above and answer the following:

(a) How many grey sweaters did Chanchal sell in 2 days? 163 Swe

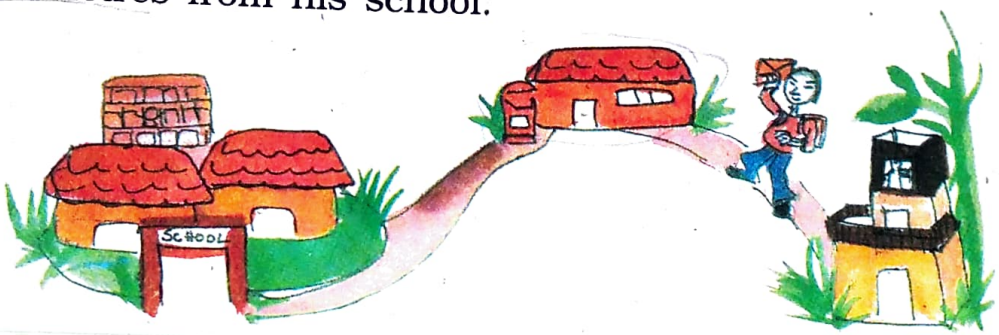
(b) Did she sell more red sweaters than blue sweaters in 2 days? Blu stue

B. We have our mid-day meal in 20 minutes and play for 15 minutes.

we have our mid-day meal in 20 min. and play for 15 min.
what is total timing of our break? Ans- 35 min.

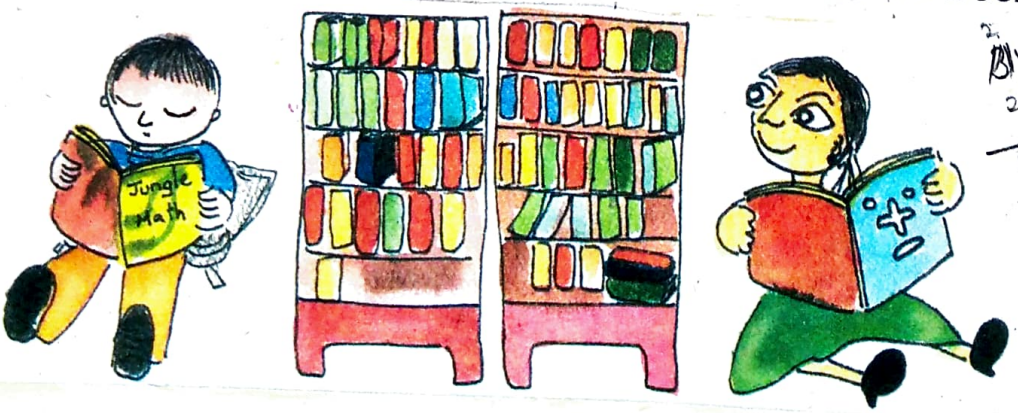
30
-10
2

C. The post office is 1 kilometre from Shahid's home and 2 kilometres from his school.




①. The post office is 1 km. from shahid's home and 2 km from his sc
what is total distance between shadi's home and school?

D. Bunty has read 27 books and Babli has read 34 books.




34
27
07

①. Bunty has read 27 books and Babli has read 34 books.
Who read more books? and how many?

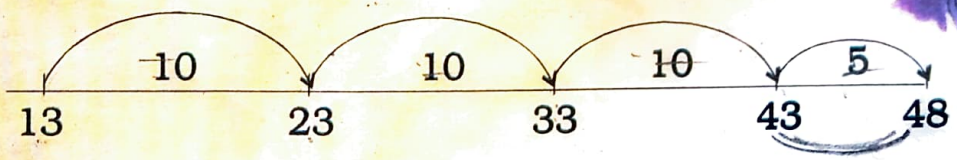
Ans- Babli, 7 Books

## Count to Subtract!

Dolma bought 4 dozen (48) bananas and gave one to each of her friends. 13 bananas were left. How many friends got a banana?

As you know, this can be found by counting forward from 13. It is easier to count in jumps of 10. You can also use Kittu's home shown on page 29 to solve these problems.

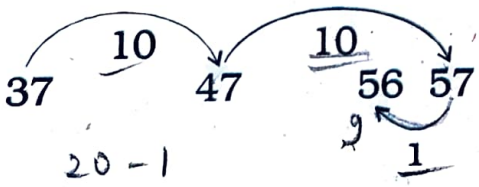
48 – 13




10 + 10 + 10 + 5 = 35

So 48 – 13 = 35

A. 56 – 37 = ?




20 – 1

10 + 10 – 1 = 19

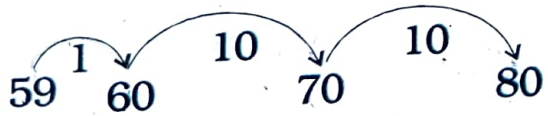
So 56 – 37 = 19

B. 60 – 45 = ?

5 + 10 = 15

So 60 – 45 = 15

C. 80 – 59




1 + 10 + 10 = 21

So 80 – 59 = 21

D. 85 – 63 = ☐

E. 84 – 69 = ☐

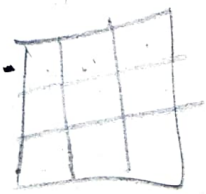
F. 60 – 20 = ☐

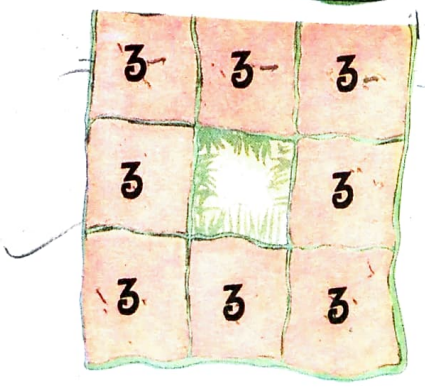
G. 90 – 50 = ☐

## All the King's Horses....

Once there was a king who could count only up to 9. Up to what number can you count? ____

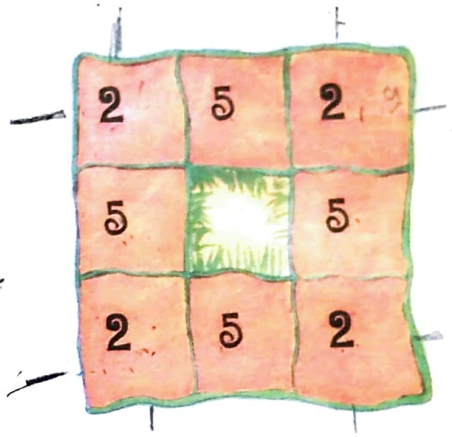
The king loved horses. But he could never count all of them. He kept them in such a way that he needed to count only up to 9 from each side.






How many horses in all did the king have? 24

One day a visitor with 4 horses came there. It was getting dark so he wanted to stay there at night. But the horse-keeper was scared. If the king saw these extra horses he would be very angry! The visitor said — do not worry. The king will never know. So he arranged the horses like this:

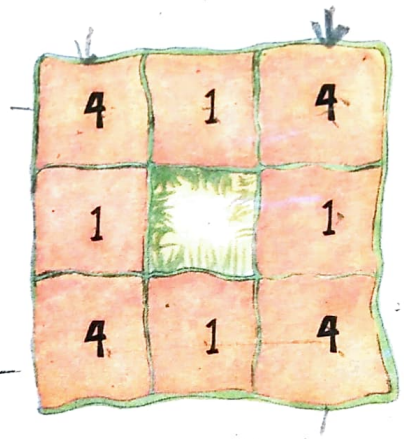



How many horses are there now? 28

At night the king came to count the horses. Along each side he counted 9 horses. Ah! That's fine – he said. Then he happily went to sleep.

In the morning the clever visitor tried another trick. He took out his own 4 horses. But he also ran away with some of the king's horses. He left the king's horses standing in this way.

4 - 3




The silly king did not find any horse missing. Can you help him?

How many horses are now left? 20

How many of the king's horses were taken away? 4

*(Based on a Tamil folk story from the book "Numeracy Counts!")*

## PuZZle

What numbers are we?

If you add us both you get 100.

The difference between us is also 100.

III

H.W.

Page No.:
Date:

## 6. Give and Take

Q.1. Sakshi had 23 fruits. She ate 15 fruits. How many fruits are left?

Q.2. Anil has 32 rupees. He bought a ball for 17 rupees. How much money is left with him?

Q.3. Manisha had 64 rupees. He spent 39 rupees at the fair. How much money is left with him?

Q.4. ~~Fanu had 7~~
Mother peeled 4 bananas. She peeled 2 more. How many bananas did she peel in all?

Q.5. Vishu has 13 kites. Father bought him 12 more kites. How many kites does Vishu have in all?

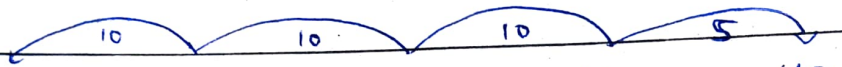
III

# 6. Fun with give and take

Q.1. Solve these- [like these] Page No.- 91

(i) $48 - 13 = \boxed{35}$

Ans-




= 13 23 33 43 48

(ii) = $10 + 10 + 10 + 5 = 35$

$48 - 13 = 35$

(ii) $32 - 11 =$

(iii) $90 - 87 =$

(iv) $51 - 22 =$

(v) $80 - 70 =$

(vi) $40 - 10 =$

(vii) $76 - 43 =$