Counting in sixes

1. The frog jumps in sixes.
Write down all the stopping places.

6	12	18	24	30	36	42	48	54	60

2. Where was the frog after each of these?

3 jumps 18 6 jumps 36 4 jumps 24

7 jumps 42 5 jumps 30 8 jumps 48

3.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60

Count in sixes on this part of the 100 square.
Colour all the stopping places.

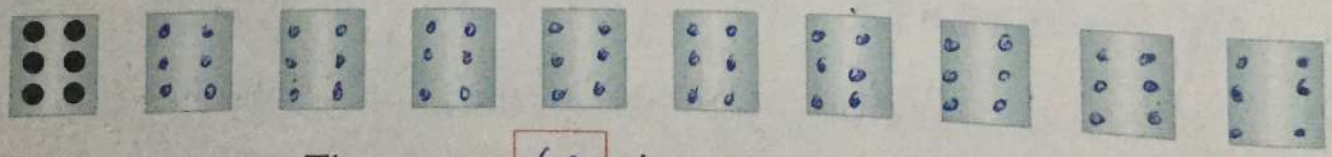
How many stopping places are there? 10

How many stopping places in the

first row? 1 second row? 2 third row? 2

fourth row? 1 fifth row? 2 sixth row? 2

4. Put 6 dots on each card. Count in sixes.



There are 60 dots altogether.

5. How many eggs are there in

(a) 4 boxes? 24 (b) 5 boxes? 30 (c) 10 boxes? 60

(d) 9 boxes? 54 (e) 6 boxes? 36 (f) 8 boxes? 48

Counting in tens

1. Count the crayons ten at a time.

There are [100] crayons altogether.

2.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

(a) Count in tens on the 100 square.

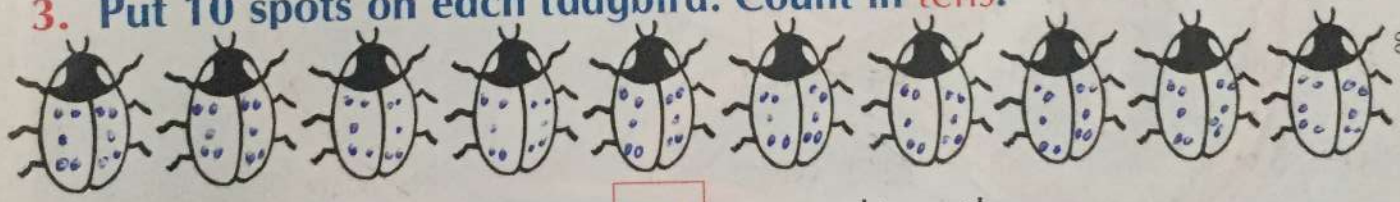
(b) Colour all the stopping places.

(c) Do you notice any pattern?
- all have 0 units

(d) Write down all the stopping places.

[10] [20] [30] [40] [50] [60] [70] [80] [90] [100]

3. Put 10 spots on each ladybird. Count in tens.



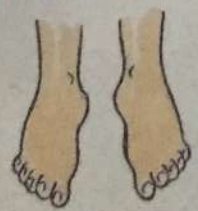
There are [100] spots altogether.

How many spots have

(a) 3 ladybirds? [30] **(b)** 7 ladybirds? [70] **(c)** 9 ladybirds? [90]

(d) 5 ladybirds? [50] **(e)** 10 ladybirds? [100] **(f)** 4 ladybirds? [40]

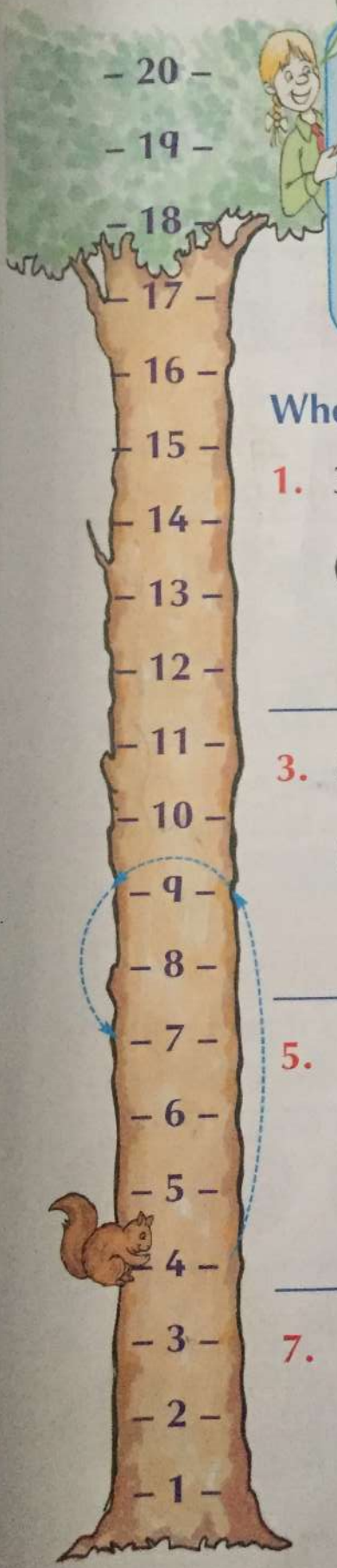
4. How many toes have



(a) 2 people? [20] **(b)** 5 people? [50] **(c)** 10 people? [100]

(d) 9 people? [90] **(e)** 8 people? [80] **(f)** 4 people? [40]

Number puzzle



The tree is like a number strip.
It has numbered steps.

Freddie is at 4.
He goes up 5 steps.
Now he is at 9.
He comes down 2 steps.
Now he is at 7.

$4 + 5 - 2 =$?

$(4 + 5) - 2 =$ 9 $- 2$

$=$ 7

Where is Freddie after he moves up and down?

1. $3 + 7 - 4 =$?

$(3+7) - 4 =$ 10 $- 4$

$=$ 6

2. $9 + 3 - 5 =$?

$(9+3) - 5 =$ 12 $- 5$

$=$ 7

3. $8 + 7 - 9 =$?

$(8+7) - 9 =$ 15 $- 9$

$=$ 6

4. $7 + 7 - 8 =$?

$(7+7) - 8 =$ 14 $- 8$

$=$ 6

5. $11 + 2 - 5 =$?

$(11+2) - 5 =$ 13 $- 5$

$=$ 8

6. $10 + 4 - 9 =$?

$(10+4) - 9 =$ 14 $- 9$

$=$ 5

7. $3 + 9 - 5 =$?

$(3+9) - 5 =$ 12 $- 5$

$=$ 7

8. $14 + 1 - 3 =$?

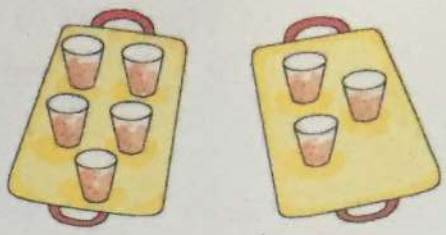
$(14+1) - 3 =$ 15 $- 3$

$=$ 12

Number stories

1. There were 5 drinks on one tray and 3 drinks on another tray. The children drank 6 drinks.

How many drinks were left?



$(5 + 3) - 6 =$ 2

2. There were 13 birds on a wire. 2 more birds came along. Then 4 birds flew away.

How many birds were left?

(13 + 2) − 4 = 11

3. There were 16 children playing in the park. 2 more children came along. Then 5 children went home for their tea.

How many children were left?

(16 + 2) − 5 = 13

4. There were 20 apples in a bag. 14 apples were eaten. Then 2 more apples were eaten.

How many apples were left?

(20 − 14) − 2 = 4

5. I had 18c. I got 10c more. Then I spent 8c in the shop.

How much have I left?

(18 + 10) − 8 = 20

6. I had 15c. I spent 6c on sweets and 7c on a lucky bag.

How much have I now?

(15 − 6) − 7 = 2

Number stories

The children were playing SNAP.

1. Ken had 7 cards.
He won 10 more cards.
Then he lost 6 cards.

(7 + 10) − 6 = 11

7 + 10 = 17

17 − 6 = 11

2. Eva had 6 cards.
She won 3 cards and
then she won 4 more cards.

(6 + 3) + 4 = 13

6 + 3 = 9

9 + 4 = 13

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3. Emma had 10 cards.
She lost 2 cards and
then she lost another 1 card.

(10 − 2) − 1 = 7

10 − 2 = 8

8 − 1 = 7

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4. Brian had 9 cards.
He lost 5 cards, but
then he won 6 cards.

(9 − 5) + 6 = 10

9 − 5 = 4

4 + 6 = 10

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5. Ciara had 19 cards.
She won 1 card at first,
but then she lost 5 cards.

(19 + 1) − 5 = 15

19 + 1 = 20

20 − 5 = 15