Contents

The Seventies

| 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 |

Write the number. One has been done for you.
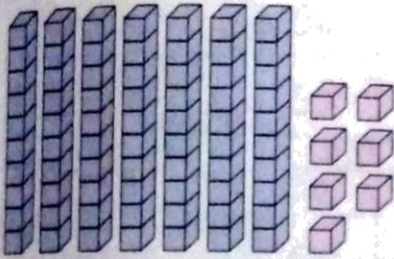
7 tens and 2 ones is ___72___.
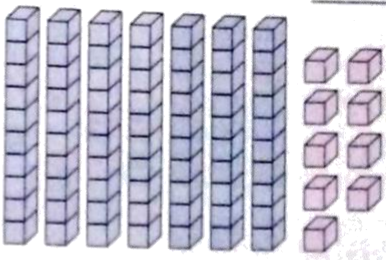
7 tens and 4 ones is _74_.

7 tens and 7 ones is _77_.

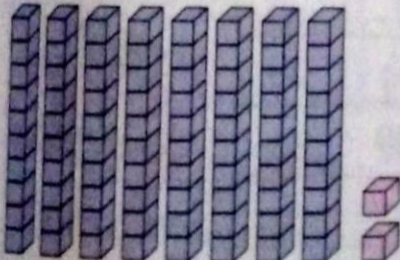7 tens and 9 ones is _79_.

The Eighties
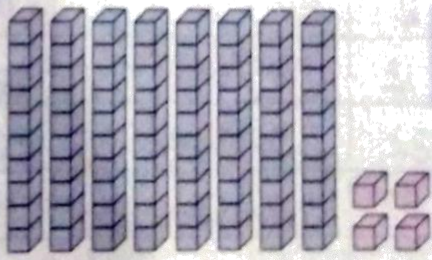
| 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 |

Write the number. One has been done for you.

8 tens and 2 ones is _82_.

8 tens and 4 ones is _84_.
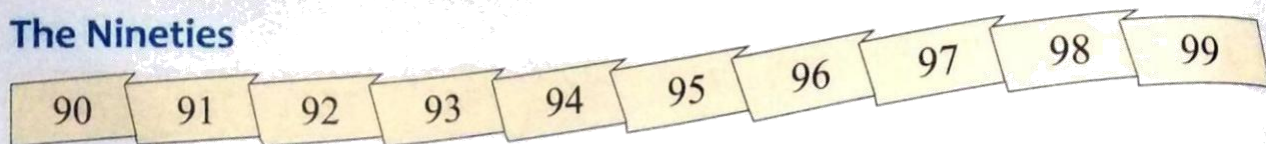
Write the number. One has been done for you.
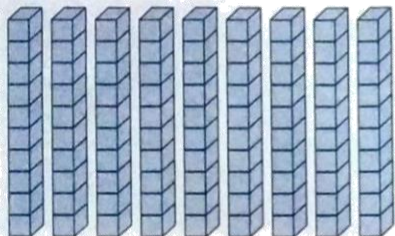
9 tens and 0 ones is __90__.

T	O
9	0
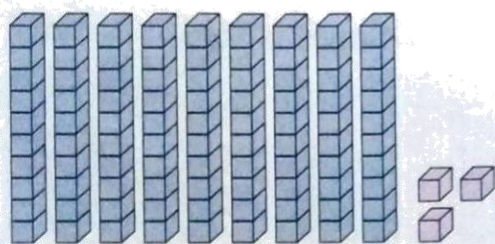
9 tens and 3 ones is __93__.

T	O
9	3
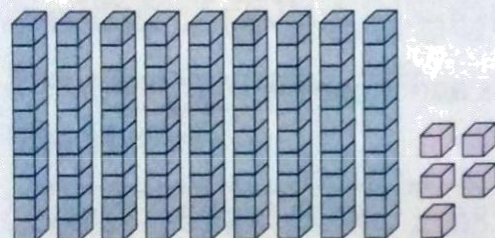
9 tens and 5 ones is __95__.

T	O
9	5

Refer worksheet on page 100.

Fill in the missing numbers.

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	18	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
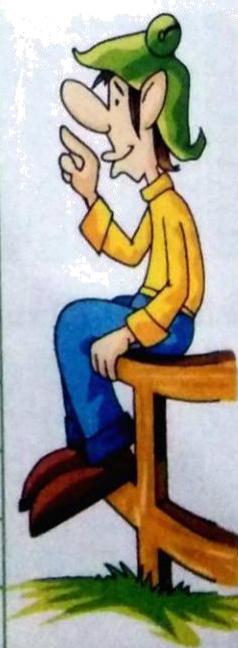
Number Names

Read the number names and write the numbers.

Fifty-one	51	Sixty-one	61	Seventy-one	71
Fifty-two	52	Sixty-two	62	Seventy-two	72
Fifty-three	53	Sixty-three	63	Seventy-three	73
Fifty-four	54	Sixty-four	64	Seventy-four	74
Fifty-five	55	Sixty-five	65	Seventy-five	75
Fifty-six	56	Sixty-six	66	Seventy-six	76
Fifty-seven	57	Sixty-seven	67	Seventy-seven	77
Fifty-eight	58	Sixty-eight	68	Seventy-eight	78
Fifty-nine	59	Sixty-nine	69	Seventy-nine	79
Sixty	60	Seventy	70	Eighty	80

Eighty-one	81	Ninety-one	91
Eighty-two	82	Ninety-two	92
Eighty-three	83	Ninety-three	93
Eighty-four	84	Ninety-four	94
Eighty-five	85	Ninety-five	95
Eighty-six	86	Ninety-six	96
Eighty-seven	87	Ninety-seven	97
Eighty-eight	88	Ninety-eight	98
Eighty-nine	89	Ninety-nine	99
Ninety	90	One hundred	100

Fill in the blanks.

65 = _6_ tens and _5_ ones

97 = _9_ tens and _7_ ones

86 = _8_ tens and _6_ ones

32 = _3_ tens and _2_ ones

6 tens and 4 ones = _60 + 4_

7 tens and 3 ones = _73_

8 tens and 9 ones = _89_

4 tens and 2 ones = _42_

9 tens and 3 ones = _93_

8 tens and 2 ones = _82_

5 tens and 7 ones = _57_

7 tens and 1 one = _71_

Match the following. One has been done for you.

7 tens 6 ones   68   70 + 6

6 tens 8 ones   76   90 + 2

5 tens 9 ones   85   60 + 8

9 tens 2 ones   59   80 + 5

8 tens 5 ones   92   50 + 9
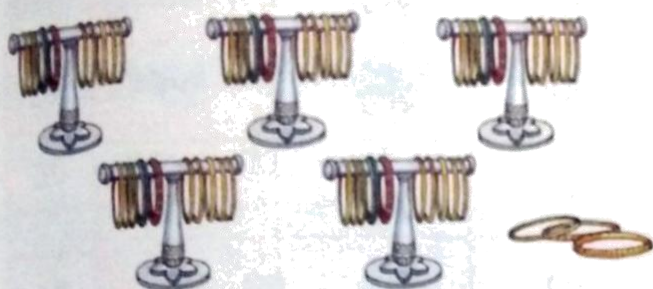
92

How Many?

Count and fill in the boxes.

7 packets of 10 rubber bands each and 7 loose ones.	**T O**	
$70 + 7$		7 7

5 stands of 10 bangles each and 3 loose ones.	**T O**	
$50 + 3$		5 3
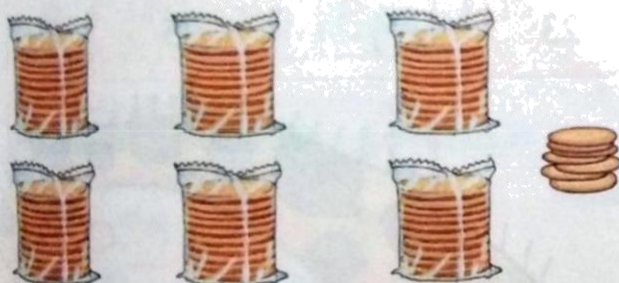
6 packets of 10 biscuits each and 7 loose ones.	**T O**	
$60 + 7$		67

8 packets of 10 paper clips each and 5 loose ones.	**T O**	
$80 + 5$		85
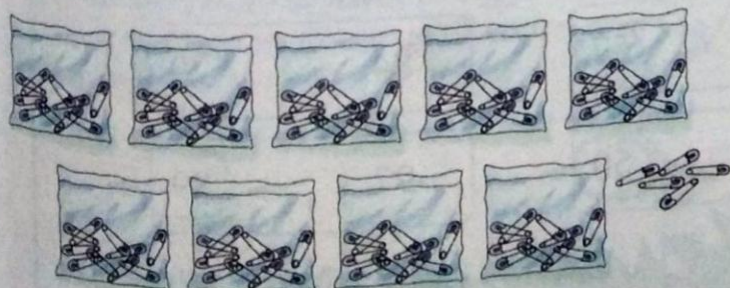
9 packets of 10 safety pins each and 5 loose ones.	**T O**	
$90 + 5$		95

Write the numbers before and after.

43	44	45
80	81	82
59	60	61
28	29	30
75	76	77
98	99	100
56	57	58
37	38	39

Write the number in between.

52	53	54
39	40	41
41	42	43
66	67	68
88	89	90
70	71	72
94	95	96
23	24	25

Ring the bigger number.

40   (94)   29   (88)   (81)   18

56   (65)   78   (82)   (74)   64

Ring the smaller number.

(46)   68   73   (57)   84   (29)

83   (69)   54   (50)   97   (89)
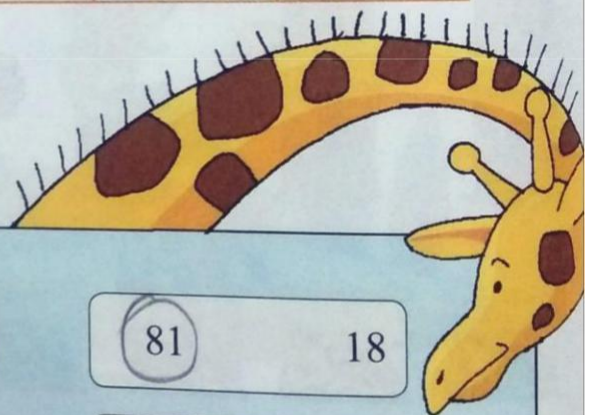
Colour the box with the biggest number red. Colour the box with the smallest number blue. One has been done for you.

90	16	80	18

76	53	35	36

36	76	29	18

53	70	17	71

68	87	91	40

43	34	19	11

Rearrange in increasing order.

56	83	77	62
56	62	77	83

19	9	90	91
9	19	90	91

86	81	87	84
81	84	86	87

59	50	39	58
39	50	58	59

Rearrange in decreasing order.

29	37	39	21
39	37	29	21

43	59	55	52
59	55	52	43

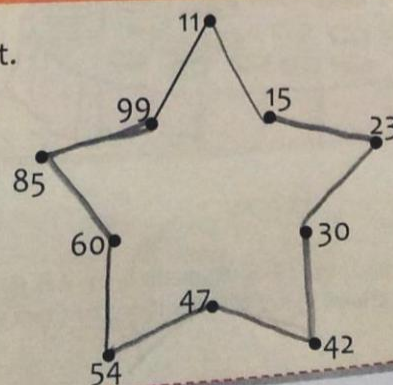| 75	65	57	56
75	65	57	56

67	60	65	63
67	65	63	60

Challenge

Join the dots from smallest to biggest. Start at 11. Go to 15. Continue till you reach 99.

Fill in the boxes by counting backward.

(a)

| 75 | 74 | 73 | 72 | 71 |

(b)

| 90 | 89 | 88 | 87 | 86 |

(c)

| 62 | 61 | 60 | 59 | 58 |

(d)

| 43 | 42 | 41 | 40 | 39 |

Challenge

How many more coin do I need to make it 100 gold coins?

Counting in Jumps

Continue the colouring pattern. **Count in twos**.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

Write down the pattern.

2 4 6 8 10 12 14 16 18 20
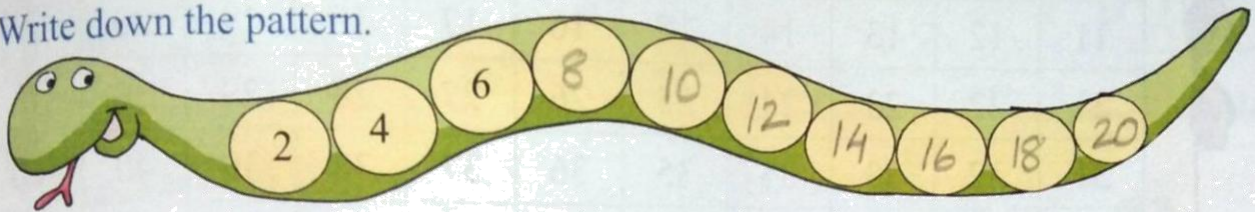
How many legs? Count in twos to find out.

12 legs

Continue the colouring pattern. **Count in fives**.

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

Write down the pattern.

5 10 15 20 25 30 35 40 45 50

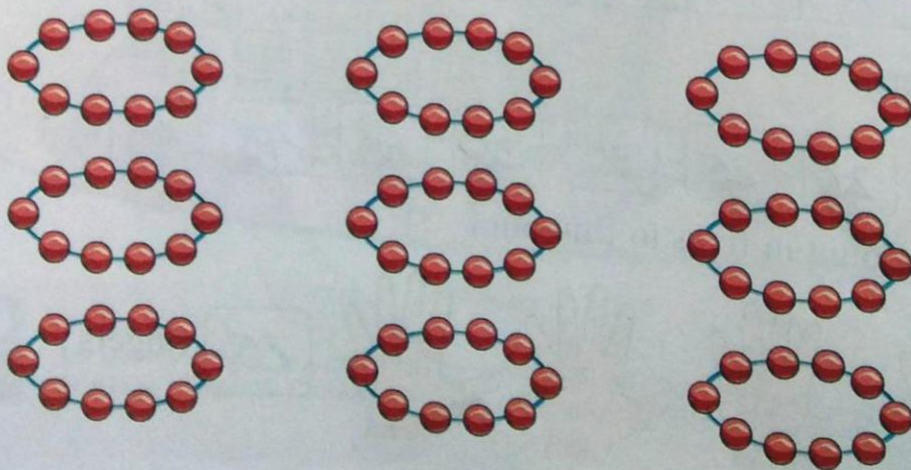How many fingers? Count in fives to find out.
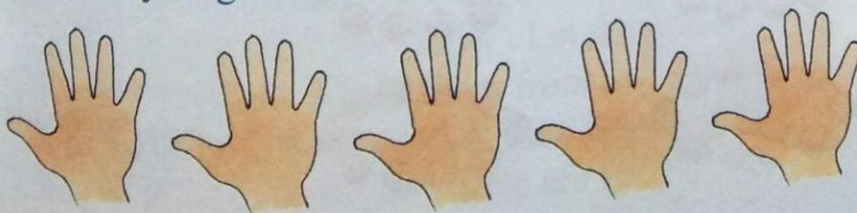
25 fingers

Continue the colouring pattern. **Count in tens.**

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

Write down the pattern.

| 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

How many beads? Count in tens to find out.

| 90 | beads

Mental Maths

Learn

One more than	The number after	Plus 1
84 is 85	84 is 85	84 + 1 is 85

Practice

One more than	The number after	+ 1
42 is 43	42 is 43	42 is 43
65 is 66	65 is 66	65 is 66
81 is 82	81 is 82	81 is 82
29 is 30	29 is 30	29 is 30
59 is 60	59 is 60	59 is 60
70 is 71	70 is 71	70 is 71

Learn

One less than	The number before	Minus 1
73 is 72	73 is 72	73 − 1 is 72

Practice

One less than	The number before	− 1
46 is 45	46 is 45	46 is 45
98 is 97	98 is 97	98 is 97
80 is 79	80 is 79	80 is 79
77 is 76	77 is 76	77 is 76
35 is 34	35 is 34	35 is 34
50 is 49	50 is 49	50 is 49

Addition

Adding 2-digit and 1-digit Numbers

(a) Anuj has 25 storybooks. His father gave him 2 more. How many storybooks does Anuj have now?

$$25 + 2 = ?$$

First write the numbers in the correct place.

Add the ones

```
  T  O
  2  5
+    2
-------
     7
```

Add the tens

```
  T  O
  2  5
+    2
-------
  2  7
```

Answer: Anuj has 27 storybooks now.

(b) **Add:** $50 + 5 = ?$

```
  T  O
  5  0          →        5  0
+    5                 +    5
-------                -------
     5                    5  5
```
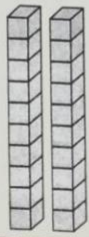
Common Mistake

```
  T  O                    T  O
  7  0                    7  0
+    3                  +    3
-------                 -------
  7  0  ✗                 7  3  ✓
```

Try This

(a)
```
  T  O
  2  3
+    6
-------
  2  9
```

(b)
```
  T  O
  6  2
+    4
-------
  6  6
```

(c)
```
  T  O
  5  4
+    5
-------
  5  9
```

Add by counting forward

42 saplings were planted by the children of Class 1 on Monday. 5 more were planted on Tuesday. How many saplings were planted in all?

We can also count forward to add.

$42 + 5 = ?$

Think 42   Then count forward   43   44   45   46   47

$42 + 5 = 47$

Answer: 47 saplings were planted in all.

Add by counting forward.

(a) $36 + 3$

36 ⟶ 37 38 39 $36 + 3 = \underline{39}$

(b) $21 + 6$

21 ⟶ 22 23 24 25 26 27 $21 + 6 = \underline{27}$

(c) $53 + 4$

53 ⟶ 54 55 56 57 $53 + 4 = \underline{57}$

(d) $67 + 2$

67 ⟶ 68 69 $67 + 2 = \underline{69}$

(e) $85 + 4$

85 ⟶ 86 87 88 89 $85 + 4 = \underline{89}$

(f) $72 + 6$

72 ⟶ 73 74 75 76 77 78 $72 + 6 = \underline{78}$

Adding 2-digit Numbers

(a) Ishaan has 23 stamps and Kuldeep has 35. How many stamps do they have altogether?

23 + 35 = ?

Write the numbers in the correct place.

First add the ones

```
T  O
2  3
+ 3  5
_____
     8
```


Always begin with the ones.

Then add the tens

```
T  O
2  3
+ 3  5
_____
5  8
```

Answer: *They have 58 stamps altogether.*

(b) **Add: 20 + 70 = ?**

```
T  O
2  0
+ 7  0          ⟶
_____
9  0
```

```
T  O
2  0
+ 7  0
_____
9  0
```

Common Mistake

```
T  O              T  O
7  5              7  5
+ 2  0          + 2  0
_____            _____
9  0  ✗          9  5  ✓
```

Try This

(a)
```
T  O
1  6
+ 3  2
_____
4  8
```

(b)
```
T  O
4  0
+ 2  0
_____
6  0
```

106

Solve.

(a)
```
  7 1
+   4
─────
  7 5
```

(b)
```
  8 6
+   3
─────
  8 9
```

(c)
```
  5 5
+   4
─────
  5 9
```

(d)
```
  9 0
+   8
─────
  9 8
```

(e)
```
  3 5
+   3
─────
  3 8
```

(f)
```
  4 2
+   7
─────
  4 9
```

(g)
```
  6 7
+   2
─────
  6 9
```

(h)
```
  8 1
+   5
─────
  8 6
```

Solve.

(a)
```
  3 0
+ 4 0
─────
  7 0
```

(b)
```
  5 0
+ 1 0
─────
  6 0
```

(c)
```
  3 0
+ 6 0
─────
  9 0
```

(d)
```
  7 0
+ 2 0
─────
  9 0
```

(e)
```
  6 0
+ 2 0
─────
  8 0
```

(f)
```
  5 2
+ 3 0
─────
  8 2
```

(g)
```
  6 3
+ 2 0
─────
  8 3
```

(h)
```
  4 4
+ 4 0
─────
  8 4
```

Solve.

(a)
```
  3 7
+ 4 2
─────
  7 9
```

(b)
```
  5 3
+ 1 4
─────
  6 7
```

(c)
```
  4 2
+ 2 7
─────
  6 9
```

(d)
```
  4 7
+ 2 1
─────
  6 8
```

(e)
```
  6 3
+ 1 4
─────
  7 7
```

(f)
```
  3 4
+ 3 5
─────
  6 9
```

(g)
```
  1 4
+ 4 1
─────
  5 5
```

(h)
```
  2 3
+ 3 6
─────
  5 9
```

At School

1. Class 1A

23   25

How many students in all?

Answer: __48__ *students in Class 1A.*

```
   T   O
   2   3
+  2   5
-------
   4   8
```

2. Class 1B

21   30

How many students in all?

Answer: __51__ *students in Class 1B.*

```
   T   O
   2   1
+  3   0
-------
   5   1
```

3. How many students in both classes?

__48__ students in Class 1A

__51__ students in Class 1B

Answer: __99__ *students in both classes.*

```
   T   O
   4   8
+  5   1
-------
   9   9
```

4. How many girls in Classes 1A and 1B together?

__23__ girls in Class 1A

__21__ girls in Class 1B

Answer: __44__ *girls in 1A and 1B together.*

```
   T   O
   2   3
+  2   1
-------
   4   4
```

5. How many boys in both classes together?

__25__ boys in Class 1A

__30__ boys in Class 1B

Answer: __55__ *boys in both classes together.*

```
   T   O
   2   5
+  3   0
-------
   5   5
```

Subtraction

Subtracting a 1-digit Number from a 2-digit Number

Out of his 27 books, Anuj gave 5 books to an orphanage.

How many books are left with Anuj now?

27 – 5 = ?

First write the numbers in their correct place.

Subtract the ones

```
  T  O
  2  7
-    5
-------
     2
```

Always begin from the ones.

Subtract the tens

```
  T  O
  2  7
-    5
-------
  2  2
```

*Think:
2 tens – 0
= 2 tens*

Answer: Anuj has 22 books left with him.

Try This

(a)
```
  T  O
  4  9
-    7
-------
  4  2
```

(b)
```
  T  O
  3  8
-    4
-------
  3  4
```

(c)
```
  T  O
  8  7
-    7
-------
  8  0
```

Subtract by counting back

There were 36 cars in the car park. Five drove out in the afternoon. How many cars are still in the car park?
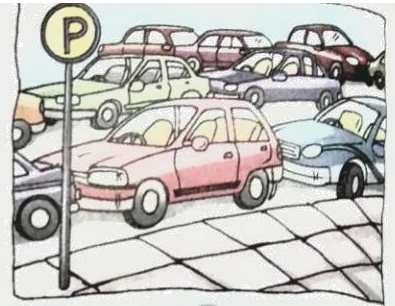
$$36 - 5 = ?$$

Think 36 count back 35 34 33 32 31

$$36 - 5 = 31$$

Answer: There are 31 cars still in the car park.

Count back to subtract.

(a) $57 - 3$

57 → 56 55 54 $57 - 3 = \underline{54}$

(b) $68 - 5$

68 → 67 66 65 64 63 $68 - 5 = \underline{63}$

(c) $77 - 4$

77 → 76 75 74 73 $77 - 4 = \underline{73}$

(d) $84 - 4$

84 → 83 82 81 80 $84 - 4 = \underline{80}$

(e) $39 - 5$

39 → 38 37 36 35 34 $39 - 5 = \underline{34}$

(f) $26 - 2$

26 → 25 24 $26 - 2 = \underline{24}$

Subtracting When Both Numbers Have Tens

Out of his 35 stamps, Kuldeep gave Ishaan 13 stamps. How many stamps does Kuldeep have now?

$$35 - 13 = ?$$

Subtract the ones

T	O
3	5
− 1	3
	2

Subtract the tens

T	O
3	5
− 1	3
2	2
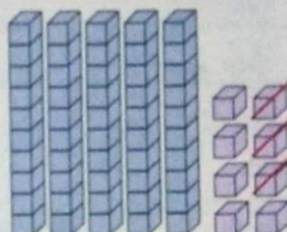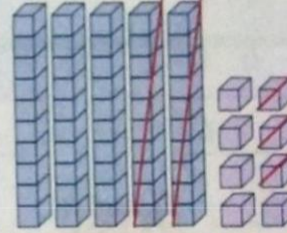
Answer: Kuldeep now has 22 stamps with him.

Subtract.

(a) $78 - 20 = ?$

T	O
7	8
− 2	0
	8

T	O
7	8
− 2	0
5	8

(b) $60 - 30 = ?$

T	O
6	0
− 3	0
	0

T	O
6	0
− 3	0
3	0

Common Mistake

T	O
5	3
− 2	0
3	0	✗

T	O
5	3
− 2	0
3	3	✓

Solve.

(a)
```
  7 9
-   4
-----
  7 5
```

(b)
```
  8 6
-   3
-----
  8 3
```

(c)
```
  5 5
-   4
-----
  5 1
```

(d)
```
  9 8
-   5
-----
  9 3
```

(e)
```
  8 9
-   8
-----
  8 1
```

(f)
```
  6 9
-   7
-----
  6 2
```

(g)
```
  8 5
-   5
-----
  8 0
```

(h)
```
  5 3
-   2
-----
  5 1
```

Solve.

(a)
```
  7 0
- 6 0
-----
  1 0
```

(b)
```
  5 0
- 2 0
-----
  3 0
```

(c)
```
  3 0
- 1 0
-----
  2 0
```

(d)
```
  9 0
- 7 0
-----
  2 0
```

(e)
```
  6 0
- 2 0
-----
  4 0
```

(f)
```
  9 3
- 5 0
-----
  4 3
```

(g)
```
  4 4
- 3 0
-----
  1 4
```

(h)
```
  7 5
- 7 0
-----
    5
```

Solve.

(a)
```
  6 9
- 2 5
-----
  4 4
```

(b)
```
  7 5
- 1 3
-----
  6 2
```

(c)
```
  6 7
- 2 4
-----
  4 3
```

(d)
```
  8 3
- 2 2
-----
  6 1
```

(e)
```
  7 8
- 5 4
-----
  2 4
```

(f)
```
  4 7
- 2 6
-----
  2 1
```

(g)
```
  8 8
- 5 6
-----
  3 2
```

(h)
```
  4 8
- 1 5
-----
  3 3
```

Party Time

1. There are 28 🍰

   20 were eaten.

   How many are left?

   Answer: ___8___ *pastries are left.*

	T	O
	2	8
−	2	0
		8

2. There are 55 🎈

   15 burst.

   How many are left?

   Answer: ___40___ *balloons are left.*

	T	O
	5	5
−	1	5
	4	0

3. There are 48 🎉

   21 get torn.

   How many are left?

   Answer: ___27___ *caps are left.*

	T	O
	4	8
−	2	1
	2	7

4. There are 36 👦 at the party.

   24 go home.

   How many are still at the party?

   Answer: ___12___ *boys are still at the party.*

	T	O
	3	6
−	2	4
	1	2

5. There are 57 👧 at the party.

   36 had lime juice. The rest had orange juice.

   How many had orange juice?

   Answer: ___21___ *girls had orange juice.*

	T	O
	5	7
−	3	6
	2	1

Addition and Subtraction Using the Number Strip

| 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
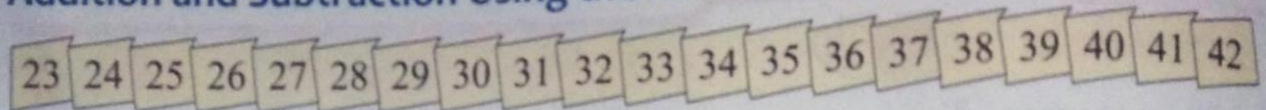
```
  2 8        Find 28 on the          3 4      Find 34 on the
+   4        number strip.         −   8      number strip.
-----        Go 4 places forward.  -----      Go back 8 places.
  3 2        You will be at 32.      2 6      You will be at 26.
```

Solve using the number strip given above.

```
  3 5        2 8        3 0        3 7        4 0        2 3
+   4      +   2      +   8      +   5      +   2      +   9
-----      -----      -----      -----      -----      -----
  39         30         38         42         42         32
```

```
  3 4        2 6        4 1        3 9        4 0        2 8
−   4      −   2      −   4      −   7      −   2      −   5
-----      -----      -----      -----      -----      -----
  30         24         37         32         38         23
```

Solve using this number strip.

| 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 |

```
  6 5        7 0        6 7        6 5        5 8        6 3
+   5      +   4      +   4      +   4      +   8      +   7
-----      -----      -----      -----      -----      -----
  70         74         71         69         66         70
```

```
  6 9        5 9        7 0        6 5        6 0        7 4
−   8      −   3      −   4      −   5      −   3      −   5
-----      -----      -----      -----      -----      -----
  61         56         66         60         57         69
```

Refer Worksheet on page 117.

TEACHER'S TIP

Since class I students have not been taught regrouping, such sums may only be done using the number strip.

At the Airport

Read the stories given below. Decide whether to add or subtract. Put the sign in the box and solve.

(a) 76 people waiting in lines at the airport. 20 more people join them. How many people in all?

$$\begin{array}{r} 7\ 6 \\ +\ 2\ 0 \\ \hline 9\ 6 \end{array}$$

Answer: ___96___

(b) 84 bags on the luggage belt. 24 bags are picked. How many bags left on the luggage belt?

$$\begin{array}{r} 8\ 4 \\ -\ 2\ 4 \\ \hline 6\ 0 \end{array}$$

Answer: ___60___

(c) 63 people are at the Coffee Shop. 11 leave to catch a flight. How many are left in the Coffee Shop?

$$\begin{array}{r} 6\ 3 \\ -\ 1\ 1 \\ \hline 5\ 2 \end{array}$$

Answer: ___52___

(d) 24 planes land. 13 planes take off immediately. How many planes are still at the airport?

$$\begin{array}{r} 2\ 4 \\ -\ 1\ 3 \\ \hline 1\ 1 \end{array}$$

Answer: ___11___

(e) 35 people arrive on one flight. 42 people arrive on another flight. How many people arrive in all?

$$\begin{array}{r} 3\ 5 \\ +\ 4\ 2 \\ \hline 7\ 7 \end{array}$$

Answer: ___77___

Chapter Check-Up

1. Look out for the signs and then solve.

T	O
5	5
+ 3	2
8	**7**

T	O
7	6
− 2	0
5	**6**

T	O
5	5
− 2	5
3	**0**

T	O
6	7
+ 3	0
9	**7**

2. Count forward to add.

72 + 5

72 ⟶ 73 74 75 76 77   72 + 5 = **77**

3. Count back to subtract.

86 − 5

86 ⟶ 85 84 83 82 81   86 − 5 = **81**

4. Use the number strip to add or subtract.

31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
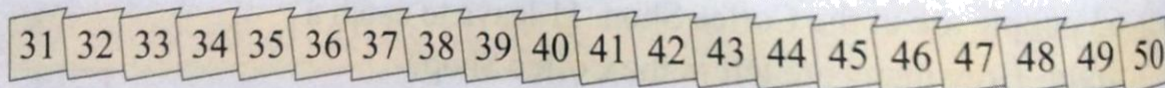
39 + 5 = **44**   47 − 8 = **39**

5. Put the correct sign and solve.

(a) 13 girls   13
    15 boys   + 15
                   28 children

(b) 37 pencils   37
    15 broken   − 15
                   22 left

Keeping in Touch

Count backward.

(a) 63, 62, 61, **60**, **59**, **58**   (b) 96, 95, 94, **93** **92** **91**

Solve these sums. Match the answers with the letters given in the decoder below. You will find a message from your teacher. WATCH OUT FOR THE SIGNS!

2 0	8 3	8 6
+ 3 2	− 4 2	− 5 3
5 2	4 1	3 3
Y	O	U

2 1	9 8	6 0
+ 2 1	− 1 1	− 3 0
4 2	8 7	3 0
A	R	E

8 9	5 3	3 1	2 2
− 6 7	− 1 2	+ 1 0	+ 4 2
2 2	4 1	4 1	6 4
G	O	O	D

4 0	8 9
+ 2	− 6 0
4 2	2 9
A	T

4 3	3 1	2 5	2 5	7 7
+ 3 4	+ 1 1	+ 4	+ 3 3	− 6 2
7 7	4 2	2 9	5 8	1 5
M	A	T	H	S

A	D	E	G	H	M	O	S	T	R	U	Y
42	64	30	22	58	77	41	15	29	87	33	52

Maths Lab Activity

Addition of 2-digit Numbers

Objective: To build an understanding of addition of 2 digit numbers.

Materials Required: Ice cream sticks, *rajma* seeds and glue.

Preparation: 10 *rajma* seeds may be stuck on each ice cream stick. Some seeds are kept loose. Students work in pairs.

Steps: To find $23 + 46$.

1. One student keeps two sticks of ten and 3 loose *rajma* seeds to make 23.

2. The partner adds another 4 strips of ten and 6 loose *rajma* seeds.

3. They count how many loose *rajma* seeds are there in all—9 ones

4. Then they count how many sticks of ten are there in all—6 tens

5. They record the answer— 69
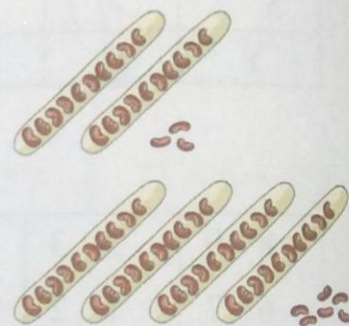
Record the Activity:
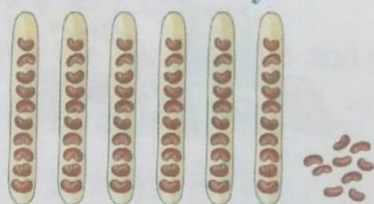
6 tens 9 ones = 69

Answer: $23 + 46 = 69$

Try this out:

$15 + 32 =$ 47	$47 + 31 = 78$

TEACHER'S TIP
The same material can be used to reinforce the concept of subtraction also.

118

Mental Maths

Learn

$30 + 50 = 80$

$20 + 30 = 50$

$60 - 10 = 50$

$70 - 30 = 40$

Do you see a pattern?

Practice

(a) $50 + 40 = \underline{90}$ (b) $30 + 30 = \underline{60}$ (c) $20 + 40 = \underline{60}$ (d) $30 + 60 = \underline{90}$

(e) $70 - 30 = \underline{40}$ (f) $60 - 20 = \underline{40}$ (g) $50 - 30 = \underline{20}$ (h) $40 - 10 = \underline{30}$

Use

(a) $81 + 9 = 90$, so $9 + 81 = \underline{90}$

(b) $83 - 1 = \underline{82}$

(c) 7 tens $+ 7 = \underline{77}$

(d) $86 - 0 = \underline{86}$

(e) $80 - 40 = \underline{40}$

(f) $68 - \underline{68} = 0$

(g) 23, 33, 43, $\underline{53}$

(h) 8 tens 5 ones $= \underline{85}$

(i) Number before 70 is $\underline{69}$.

(j) One less than 58 is $\underline{57}$.

(k) $75 \boxed{-} 1 = 74$

(l) $65 \boxed{-} 65 = 0$

(m) $97 = \underline{9}$ tens $\underline{7}$ ones

(n) Number after 59 is $\underline{60}$.

(o) $56 - 56 = \underline{0}$

(p) $30 + 40 = \underline{70}$

(q) $96 \boxed{+} 1 = 97$

(r) One more than 99 is $\underline{100}$.

(s) $63 - 3 = \underline{60}$

(t) 90, 80, 70, $\underline{60}$

1. Circle the one which is of the same shape and size as in the first column.
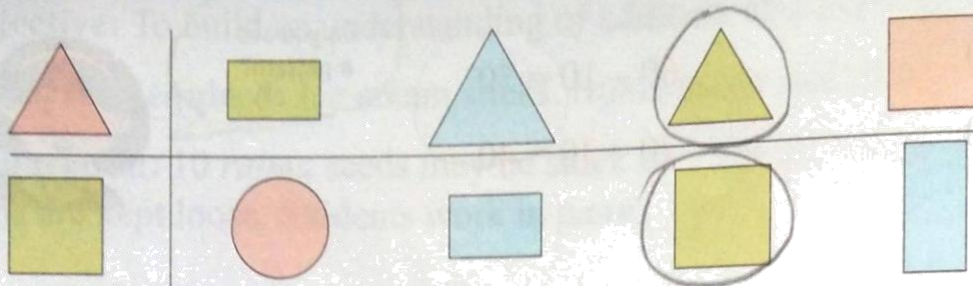
2. Complete the pattern.

3. Rewrite from the smallest to the biggest.

73	87	19	45
19	45	73	87

4. Rewrite from the biggest to the smallest.

30	43	96	64
96	64	43	30

4. Pay attention to the signs and solve.

T	O
7	3
− 1	2
6	1

T	O
5	2
+ 2	7
7	9

T	O
8	4
+ 1	4
9	8

T	O
6	1
− 2	0
4	1

5. Put the correct sign and solve.

32 roses
43 lilies
How many flowers?

T	O
3	2
+ 4	3
7	5

64 eggs
20 broken
How many left?

T	O
6	4
− 2	0
4	4

7 Measurement

1. Ring the one that is:

Big	Long	Heavy
Small	Short	Light

2. Ring the one that is the:

Biggest	Longest	Heaviest
Smallest	Shortest	Lightest

How Long?

Jessy and Paul were comparing the lengths of their pencils.

The (✓) shows the correct way to compare.
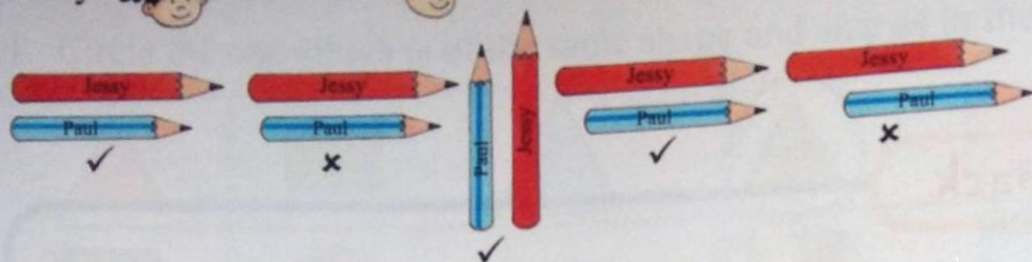
Whose pencil is longer? _Jessy_

Then they compared their pencil boxes by measuring them with paper clips.

Jessy
GREEDY SHEEP PENCIL BOX

Whose box is longer? _Paul_
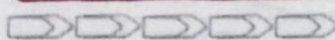
Paul
GREEDY SHEEP PENCIL BOX

about 5 clips long

about 6 clips long

How long are these objects?

about 7 clips

about 4 clips

about 6 clips
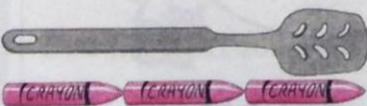
about 3 crayons
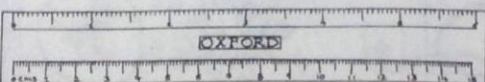
about 4 crayons
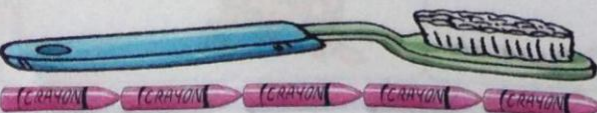
about 5 crayons

How Tall?

Find the height of these objects by counting the erasers.
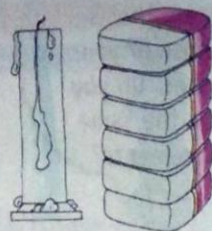
The candle is as tall as _6_ erasers.
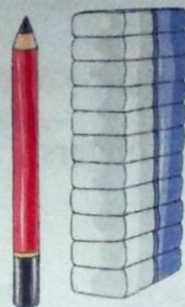
The pencil is as tall as 11 erasers.

The juice carton is as tall as _9_ erasers.

The glove puppet is as tall as _14_ erasers.

Another Way to Measure Length
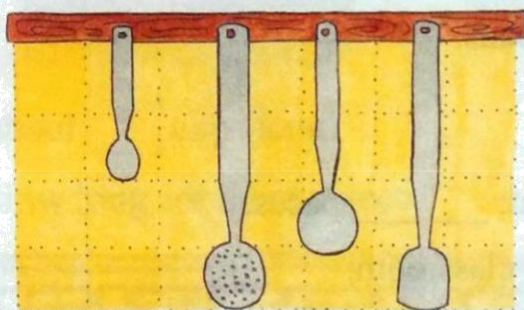
How long is each spoon?
Count the squares starting from the top.
One has been done for you.

About [2] [4] [3] [4] squares long

Measure the length of these crayons. Count the squares starting from the bottom.
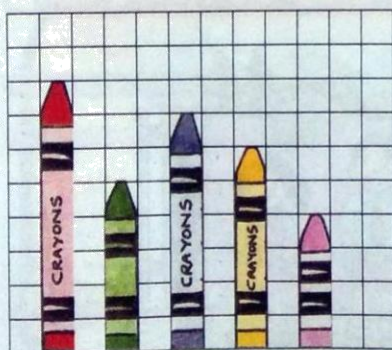
Red crayon [8] squares long

Green crayon [5] squares long

Blue crayon [7] squares long

Yellow crayon [6] squares long

Pink crayon [4] squares long

How Heavy?

Watch these children on the seesaw at the park. The lighter side goes up while the heavier side goes down.
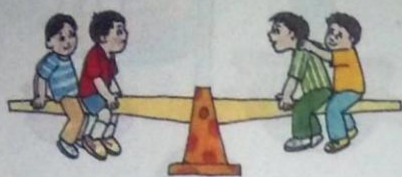
Both are the same weight

Heavy

Light

Light

Heavy

Write H for heavier and L for lighter. One has been done for you.
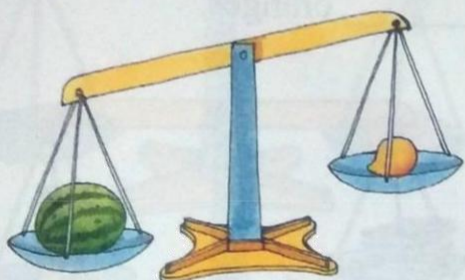
H   L
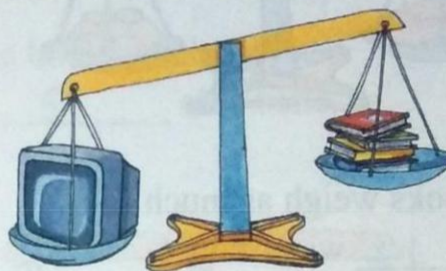
H   L
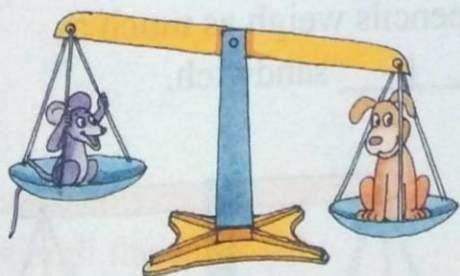
L   H
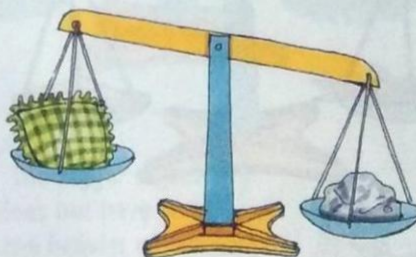
L   H

Finding the Weight

This book weighs as much as two pencil boxes.

Fill in the blanks.
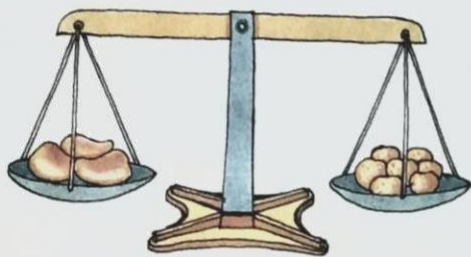
3 mangoes weigh as much as
___7___ oranges.

4 books weigh as much as
___1___ water bottle.

8 pencils weigh as much as
___1___ sandwich.
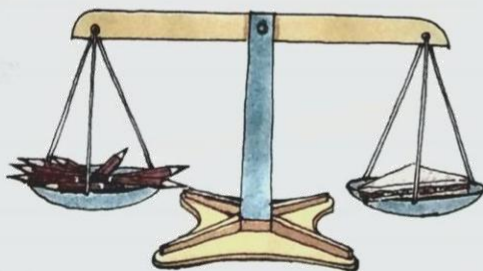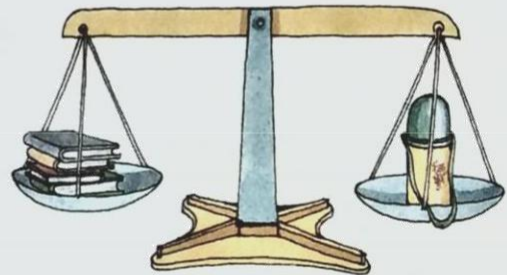
2 snack boxes weigh as
much as ___5___ dusters.
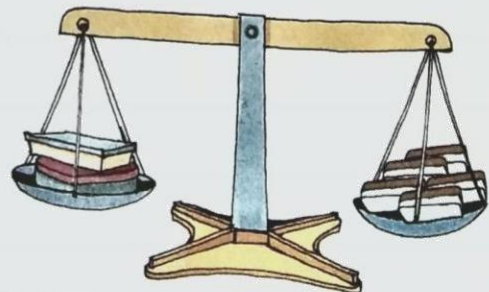
TEACHER'S TIP
A hanger can be converted to an improvised balance scale by stringing small
plastic containers on it with the help of twine.
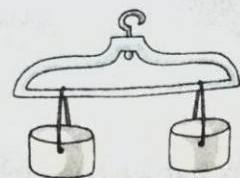
How Heavy Is Each Object?
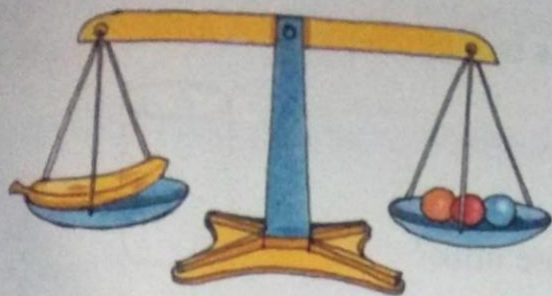
The banana weighs about three clay balls.

A bottle of juice weighs about ___7___ clay balls.
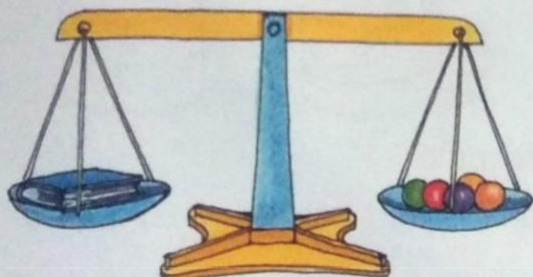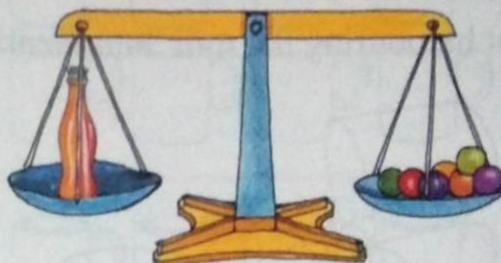
The book weighs about ___5___ clay balls.

A box of cornflakes weighs about ___5___ clay balls.
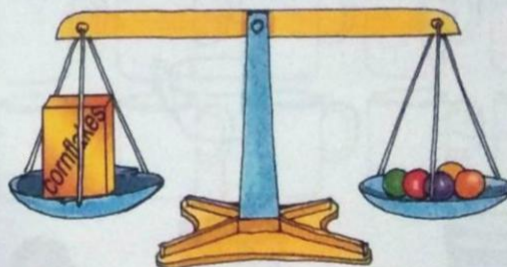
The book and cornflakes box both weigh the same.

The bigger object does not have to be the heavier object.

TEACHER'S TIP
Have a collection of packets or boxes of different sizes, shapes and weight. Put things in them ensuring that there is no connection between size and weight (some smaller packets should be heavier than some larger ones). Students may be given any three packets at a time and asked to arrange them from heaviest to lightest and vice versa.

Chapter Check-Up

1. How long is each object?

about $\boxed{5}$ clips

about $\boxed{3}$ crayons

2. If each jug holds 3 cups, colour how many cups will fill these jugs.

=

=
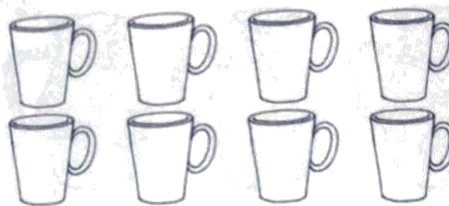
3. How heavy is each object?
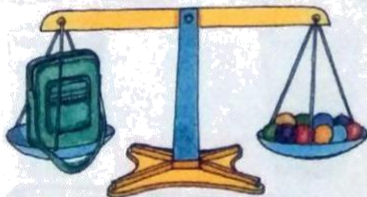
The school bag weighs about __10__ clay balls.
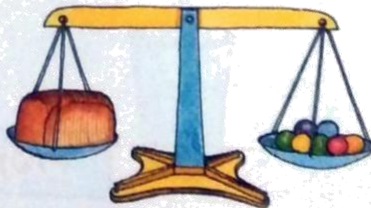
The loaf of bread weighs about __7__ clay balls.

Keeping in Touch

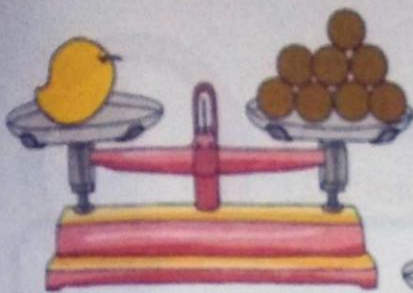Colour the biggest number in red and the smallest in blue.

(a)
43	19	28

(b)
37	39	30
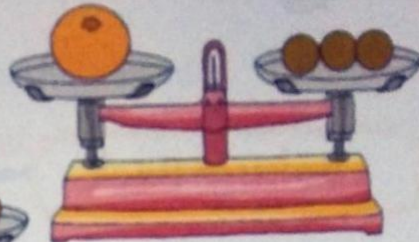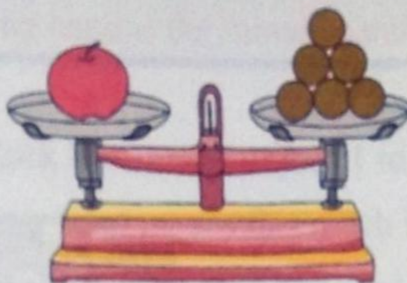
Use the pictures to fill in the blanks.

1. The mango weighs about ___8___ clay balls.

2. The apple weighs about ___6___ clay balls.

3. The orange weighs about ___3___ clay balls.

4. The _Mango_ is the heaviest.

5. The _Orange_ is the lightest.

6. The mango is heavier/~~lighter~~ than the apple. (Cross out the wrong word)

7. The orange is ~~heavier~~/lighter than the apple. (Cross out the wrong word)

8. Draw the correct number of marbles to balance the scale using the first set of pictures.
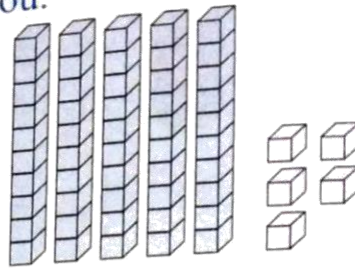
The Fifties

| 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 |
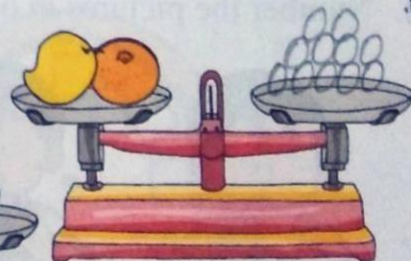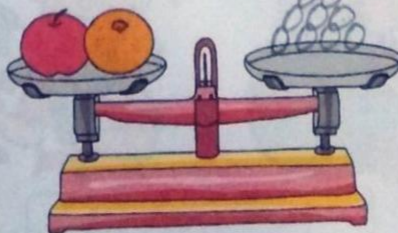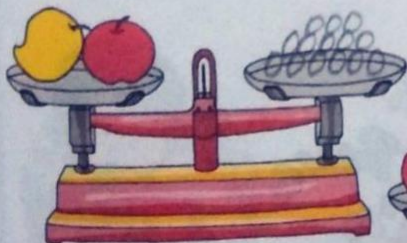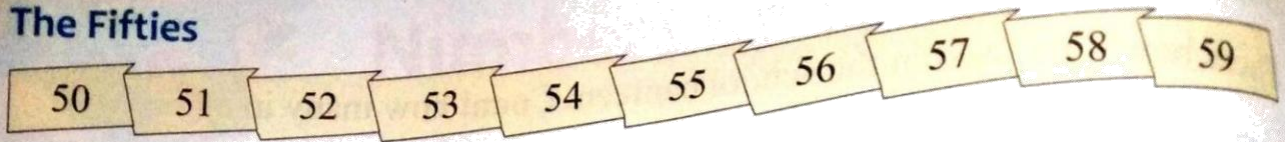
Write the number. One has been done for you.
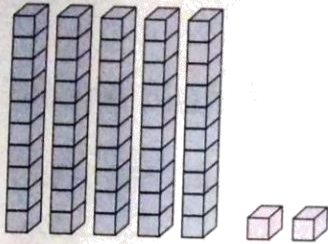
T	O
5	2

5 tens and 2 ones is __52__.

T	O
5	5

5 tens and 5 ones is __55__.
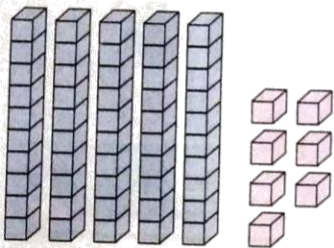
T	O
5	7

5 tens and 7 ones is __57__.
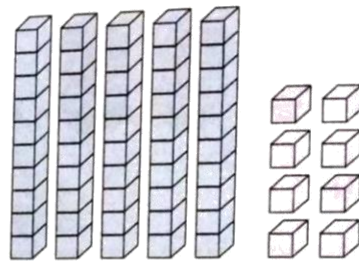
T	O
5	8

5 tens and 8 ones is __58__.

The Sixties

| 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 |

Write the number. One has been done for you.
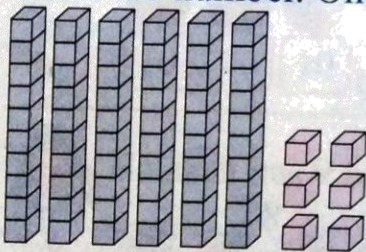
T	O
6	6

6 tens and 6 ones is __66__.
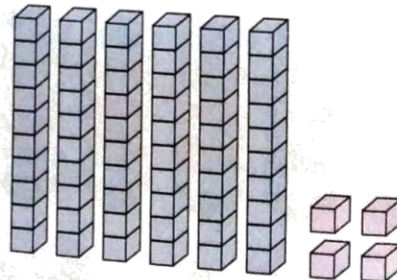
T	O
6	4

6 tens and 4 ones is __64__.
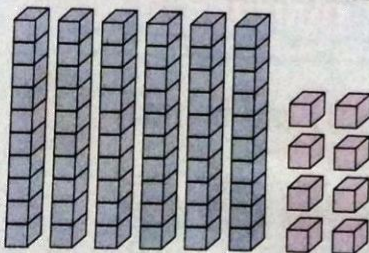
T	O
6	8

6 tens and 8 ones is __68__.
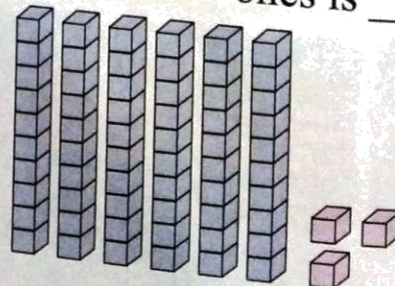
T	O
6	3

6 tens and 3 ones is __63__.