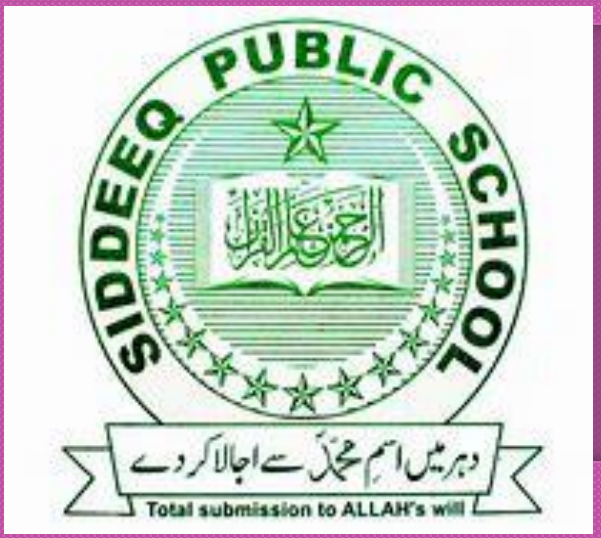


MATHEMATICS

CLASS 1
LESSON # 47

Lesson Code 1M47

Let's learn about today's topic

TOPIC:
2D Shapes
Reinforcement of Number Operation

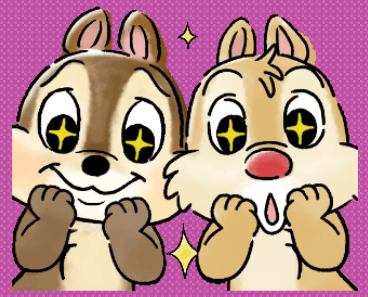
- 2D Shapes (Circle, Oval, Square, Rectangle)
- Addition with / without regrouping
- Languages of addition

(Add, total of, Sum of, plus)

Subtraction with / without regrouping

Languages of subtraction

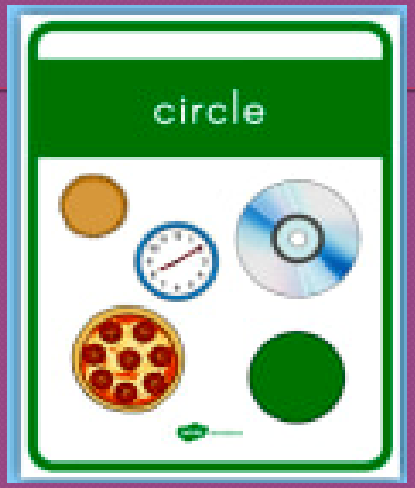
(subtract, takeaway, less than, minus)

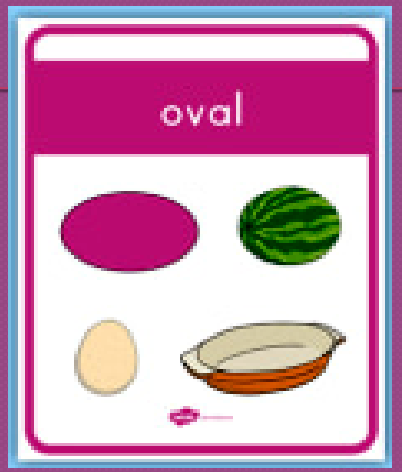


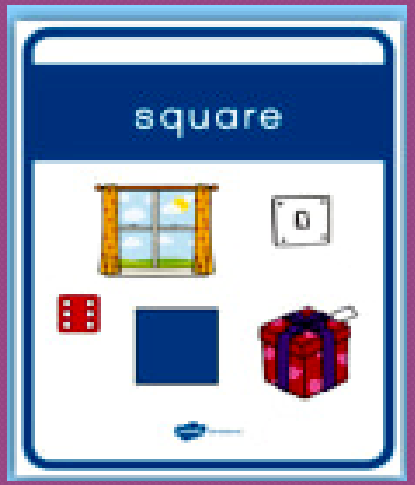
What are 2D Shapes?

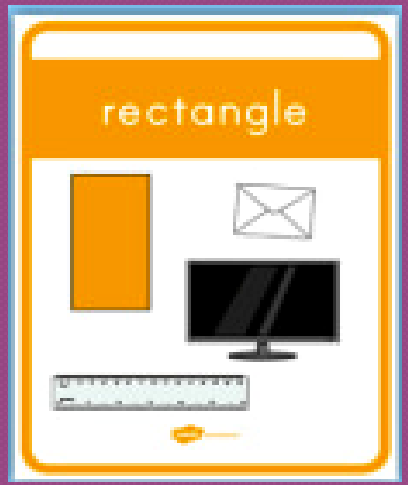
2D shapes have sides and corners, and are completely flat. You can draw it easily on a piece of paper.

Shapes
You can find them everywhere





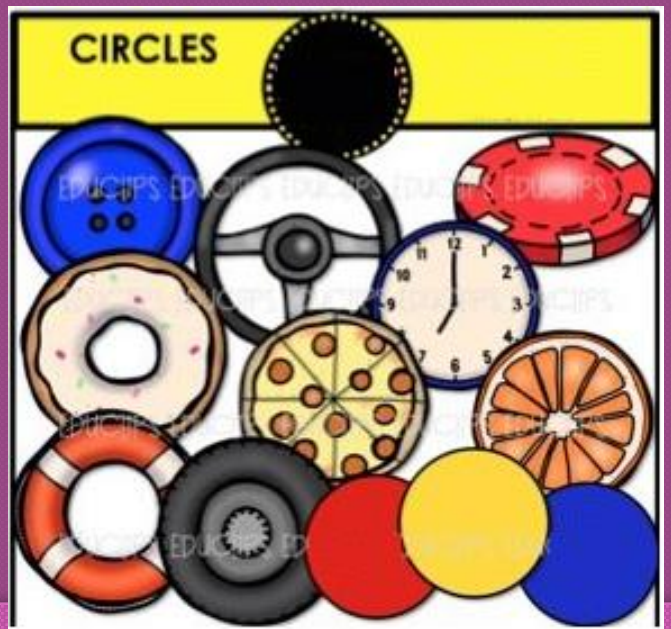




Circle

It is a closed figure.
It has no sides no corners.
It is round in shape.
It looks like a ball.

Circle has no sides and no corners



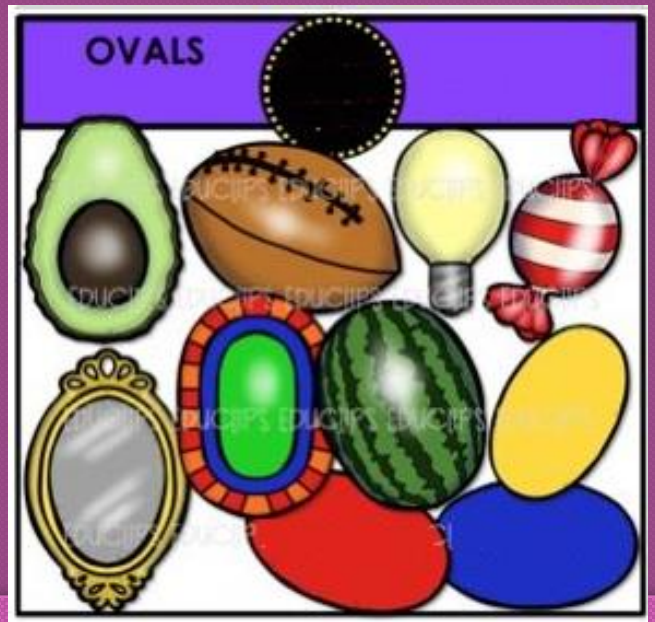
Real life examples

Oval

It is a closed figure.
It has no sides no corners.
It is long circle in shape.
It looks like an egg.

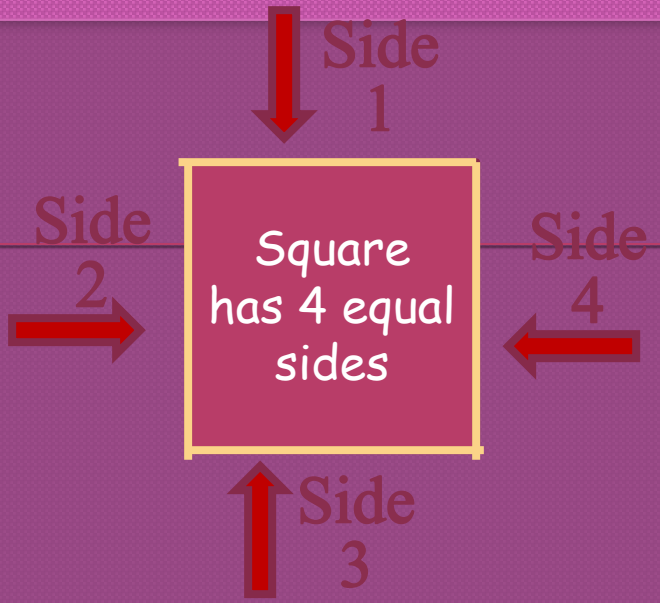
Oval has no sides and no corners

Real life examples

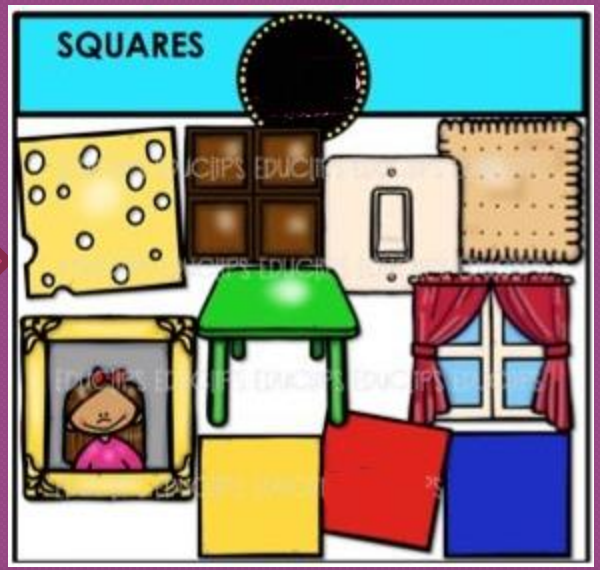


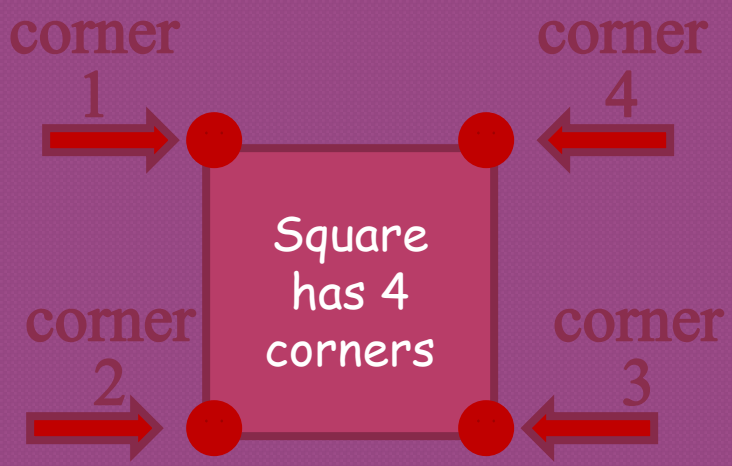
Square

It is a closed figure.
It has 4 sides 4 corners.
It's all 4 sides are equal in length.



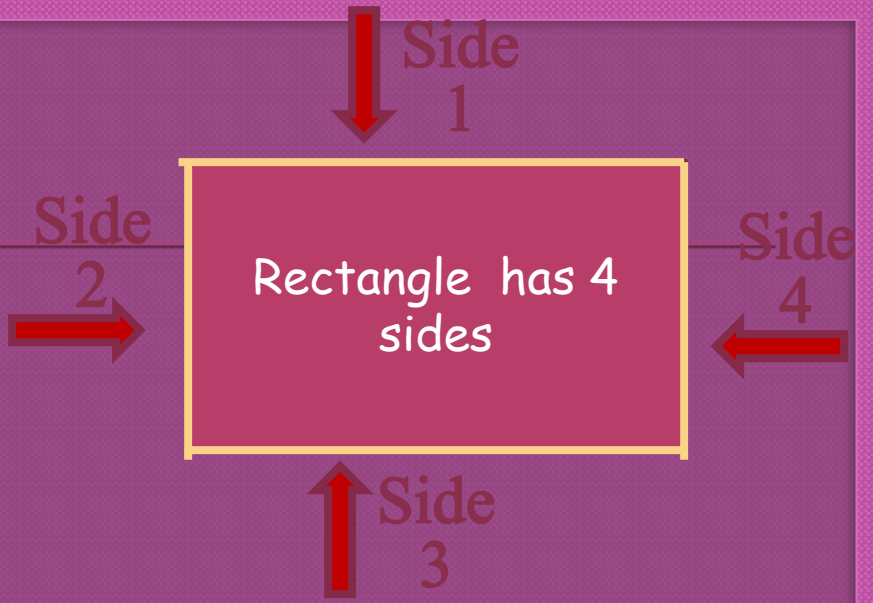
Real life examples



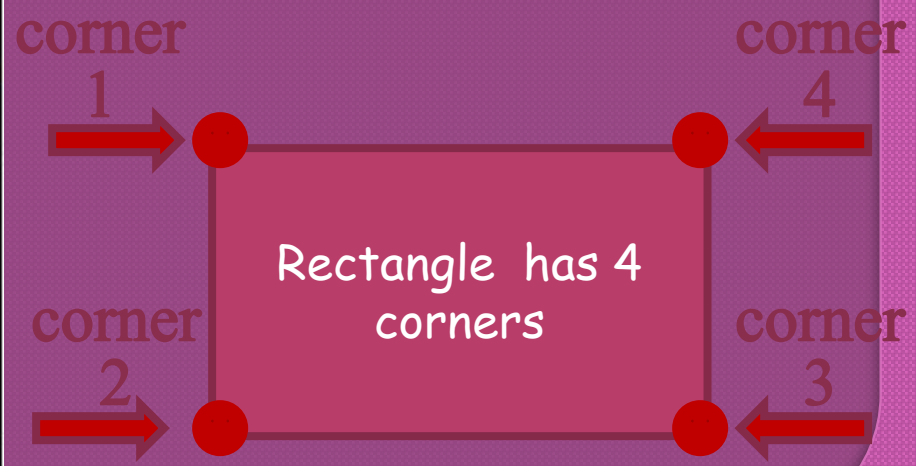


Rectangle

It is a closed figure.
It has 4 sides 4 corners.
It's opposite sides are equal in length.



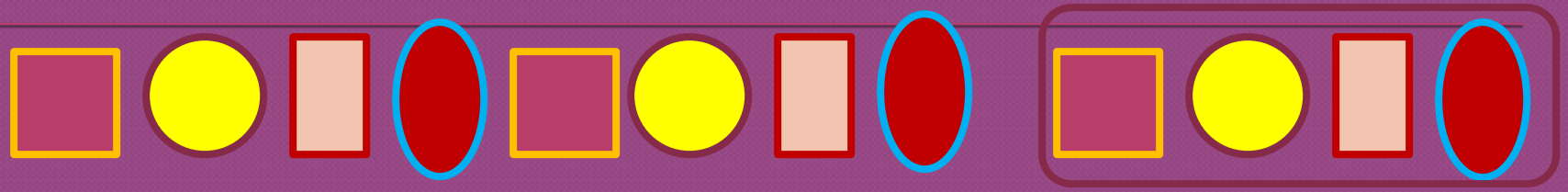
Real life examples



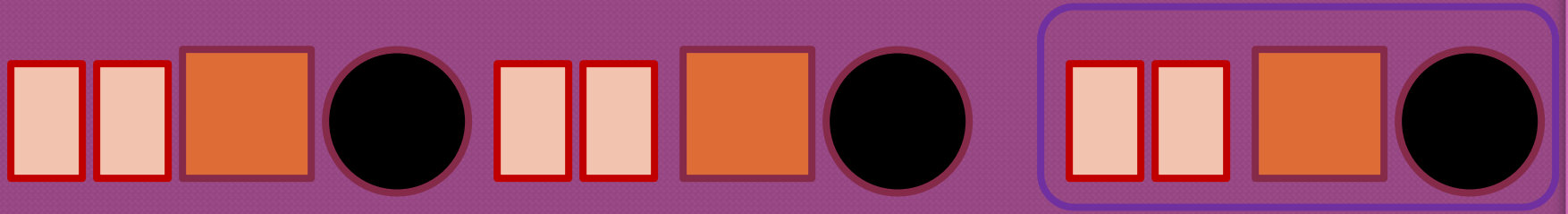
Question

Complete the given patterns.

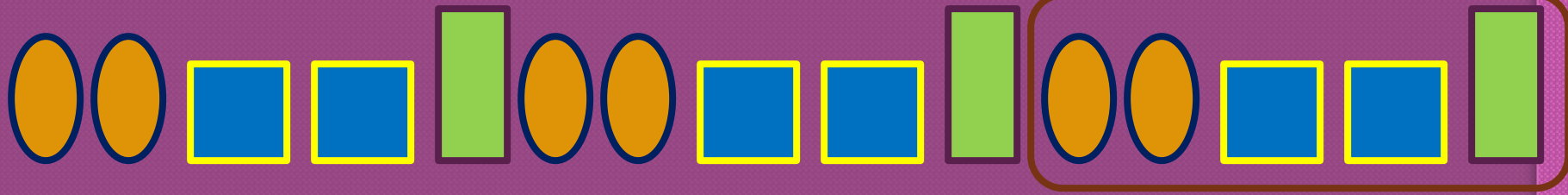
a)



b)



c)



Question

Fill in the blanks.

a) Square has 4 equal sides and 4 corners.

b) Rectangle has 4 corners and 4 sides.

c) Circle/Oval has no/zero sides.

d) Circle looks like a ball.

e) Rectangle has opposite sides equal in length.

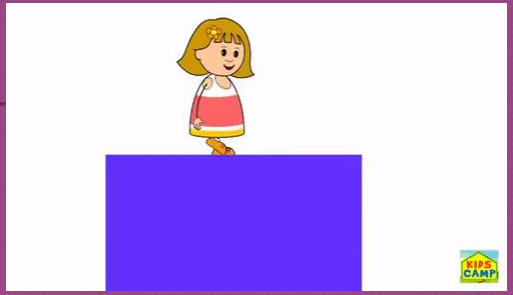
f) Oval looks like an egg.

Riddles

Question

a) I'm a flat shape
I have 4 sides and 4 corners
My opposite sides are equal
What shape am I?

I'm Rectangle



b) I have no corners
I have no sides
I looks like an egg
Who am I?

I'm an Oval

c) I have 4 sides and 4 corners
My all sides are equal
Who am I?

I'm Square

Question

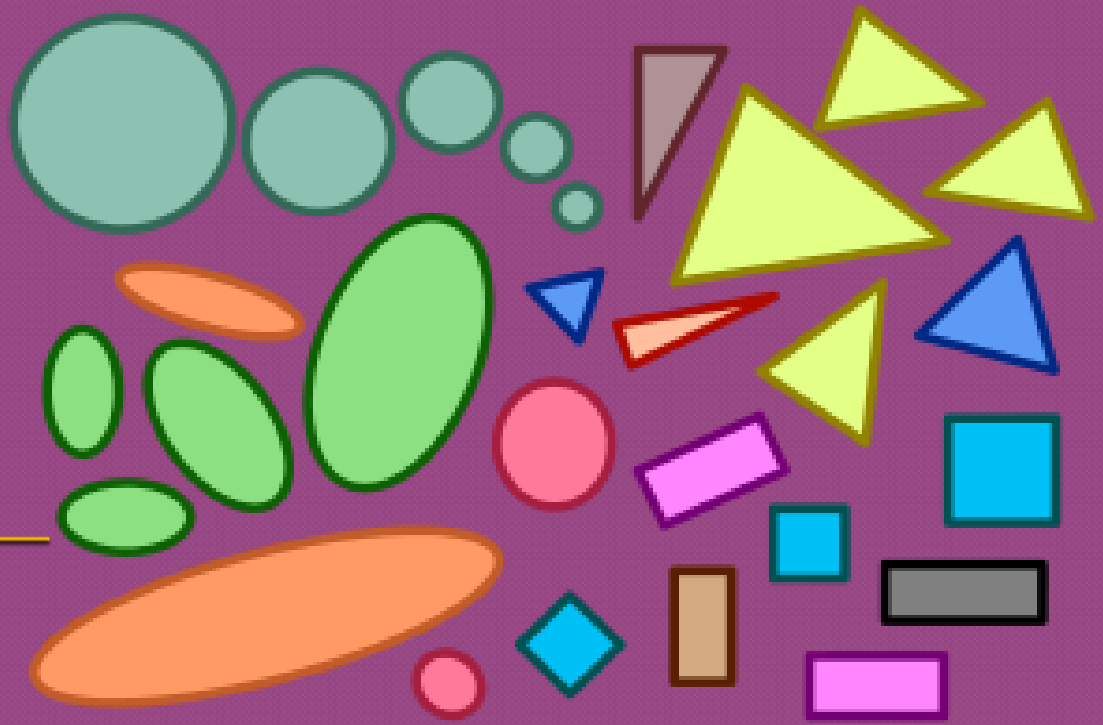
Count and write how many of each shape are there in the given picture.

Circle: 7

Oval: 6

Square: 3

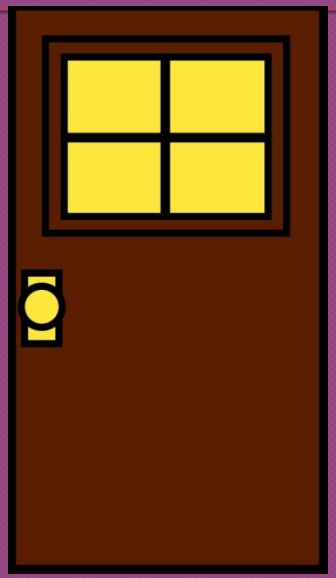
Rectangle: 4



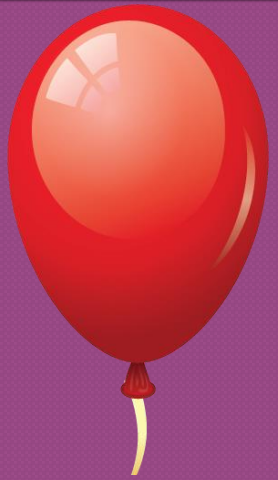
Write the name of the 2D shape you see in each given object.

Square

Circle



Rectangle



Oval

Reinforcement of Addition & Subtraction

Do you remember?

Sign/Symbol of Addition

Sign/Symbol of Subtraction

Solve the following.

a) Sum of 69 and 74

	T	O
	1	
	7	4
+	6	9
	14	3

T O
13

b) Total of 38 and 97

	T	O
	1	
	9	7
+	3	8
	13	5

T O
15

a) Add 59 and 89

	T	O
	1	
	8	9
+	5	9
	14	**8**

T O
18

b) 79 plus 97

	T	O
	1	
	9	7
+	7	9
	17	**6**

T O
16

Add '0' & subtract '0'

0 + 0 = 0

0 + 1 = 1

10 + 0 = 10

85 + 0 = 85

0 + 100 = 100

0 - 0 = 0

55 - 0 = 55

79 - 0 = 79

100 - 0 = 100

201 - 0 = 201

Add 1 & Subtract 1

Add 1	Subtract 1
19 + 1 = 20	19 - 1 = 18
40 + 1 = 41	40 - 1 = 39
99 + 1 = 100	99 - 1 = 98
81 + 1 = 82	81 - 1 = 80
75 + 1 = 76	75 - 1 = 74

Count forward

Count backwards

Add 10 & Subtract 10

Add 10

17 + 10 = 27

39 + 10 = 49

60 + 10 = 70

72 + 10 = 82

90 + 10 = 100

Count forward

Subtract 10

17 - 10 = 07

39 - 10 = 29

60 - 10 = 50

72 - 10 = 62

90 - 10 = 80

Count backwards

Question:

Subtract 50 from 95

Always write bigger number first!

Tens	Ones
9	5
- 5	0
4	**5**

Step 1:

5ones - 0ones

= 5ones

Step 2:

9tens - 5tens

= 4tens

95 - 50 = 45

Question:

Take away 41 from 50.

Always write bigger number first!

Tens	Ones
~~5~~ 4	10
- 4	1
0	**9**

50 - 41 = 09

Question: 59 less than 77

Always write bigger number first!

Tens	Ones
6 ~~7~~	1 7
- 5	9
1	**8**

77 - 59 = 18

Question#5 :

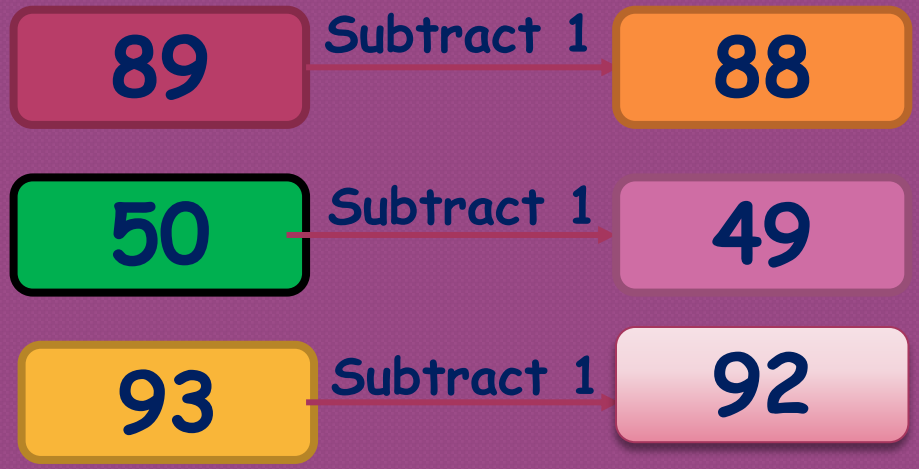
65 minus 15

Always write bigger number first!

Tens	Ones
6	5
- 1	5
5	**0**

65 - 15 = 50

What to do here?



Remember! Count backwards

What to do here?

95 → Subtract 10 → 85

10 → Subtract 10 → 0

51 → Subtract 10 → 41

Remember?

Whenever we subtract 10 from a number, our tens place changes

Question
Solve and write the answer.