MATHEMATICS

CLASS 1

LESSON # 46

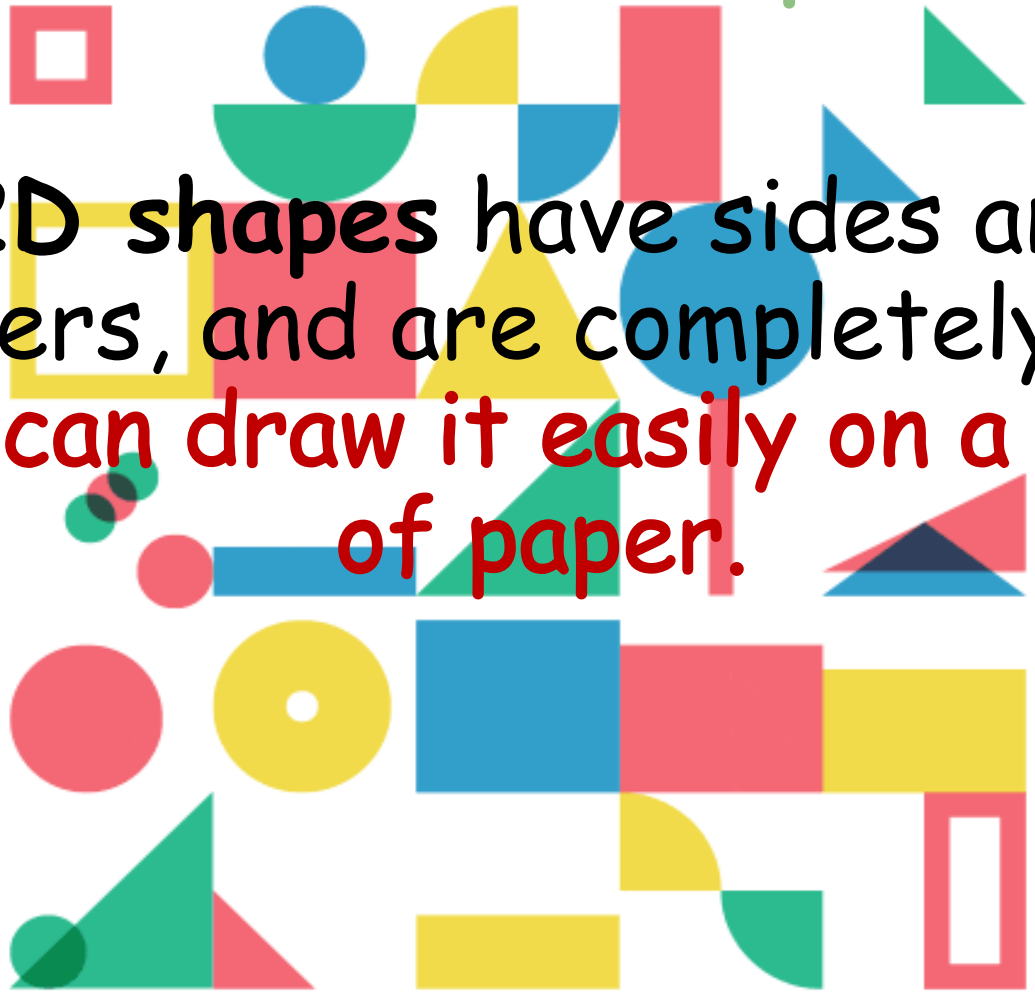
Lesson Code 1M46

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)

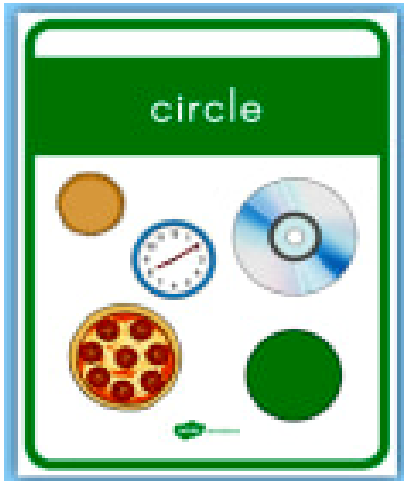
What are 2D Shapes?

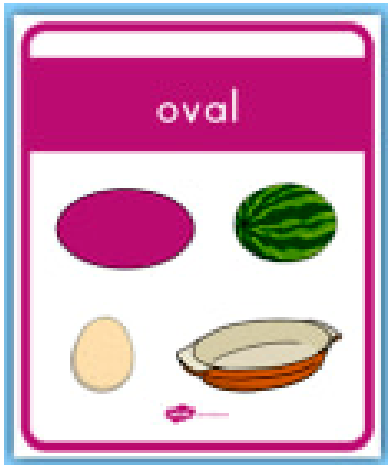


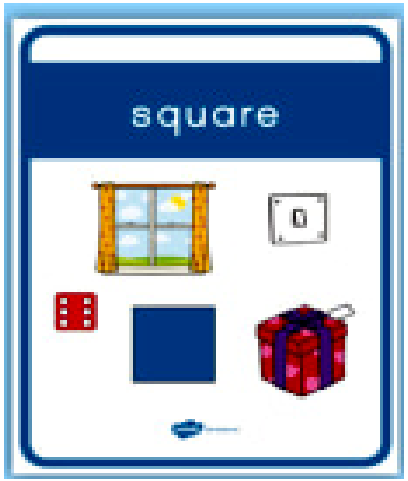
2D shapes have sides and corners, and are completely flat. You can draw it easily on a piece of paper.

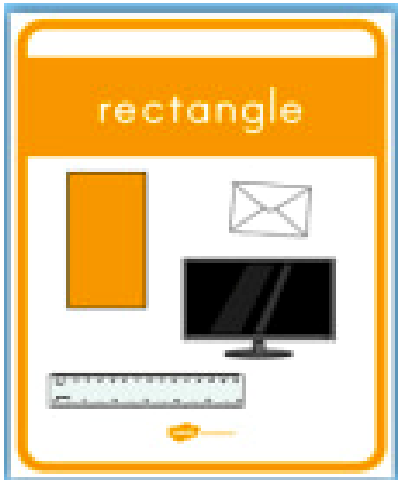
Shapes

You can find them everywhere



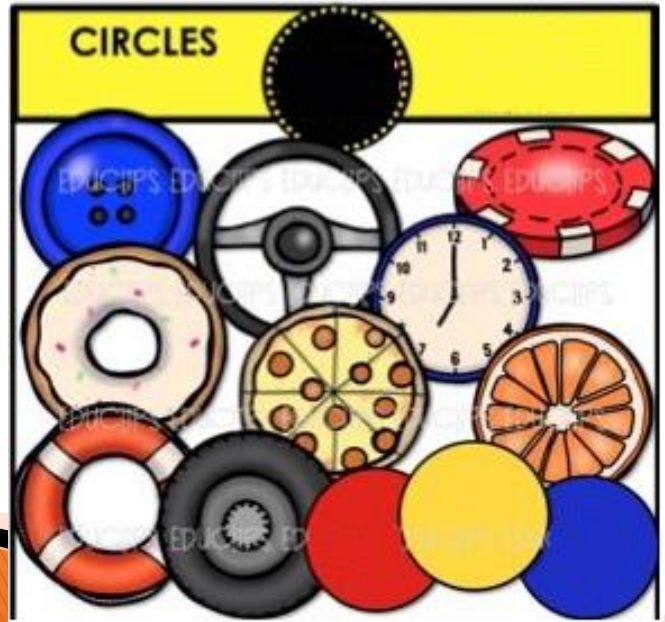


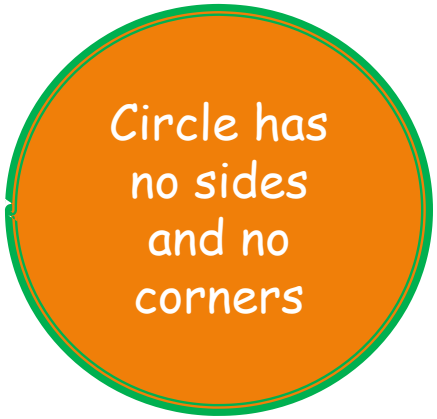




Circle

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



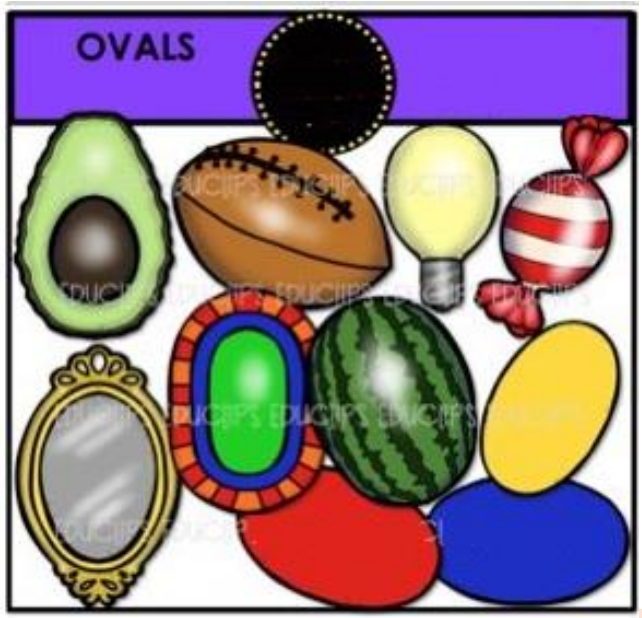


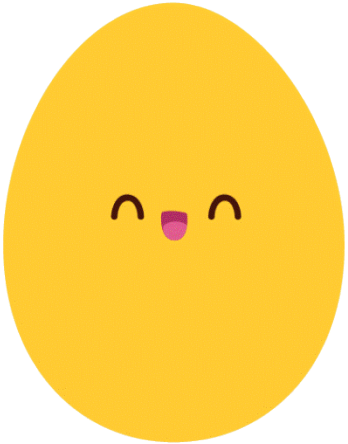
Oval

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

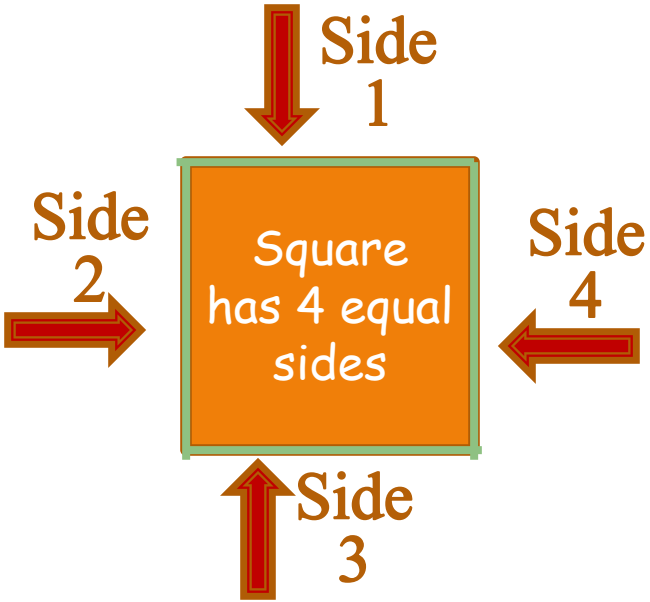
Real life examples



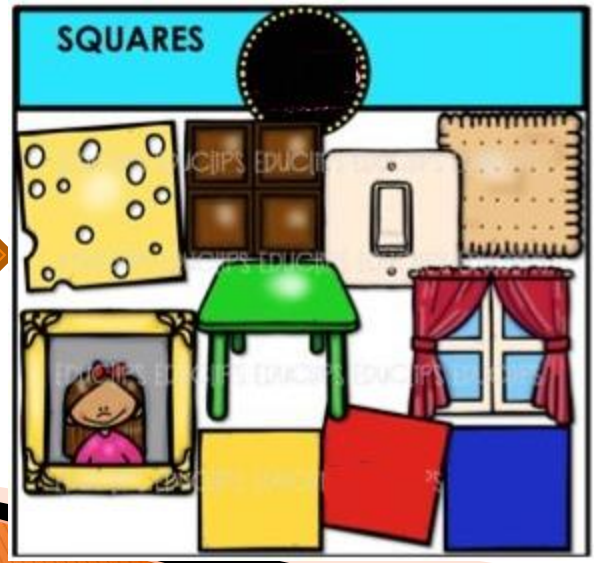


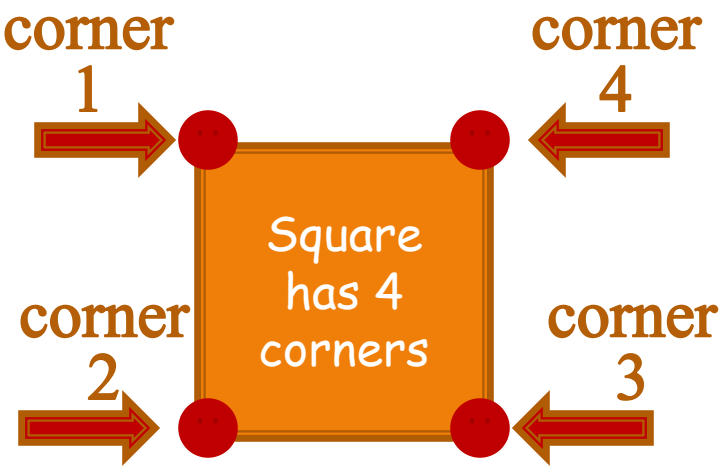
Square

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



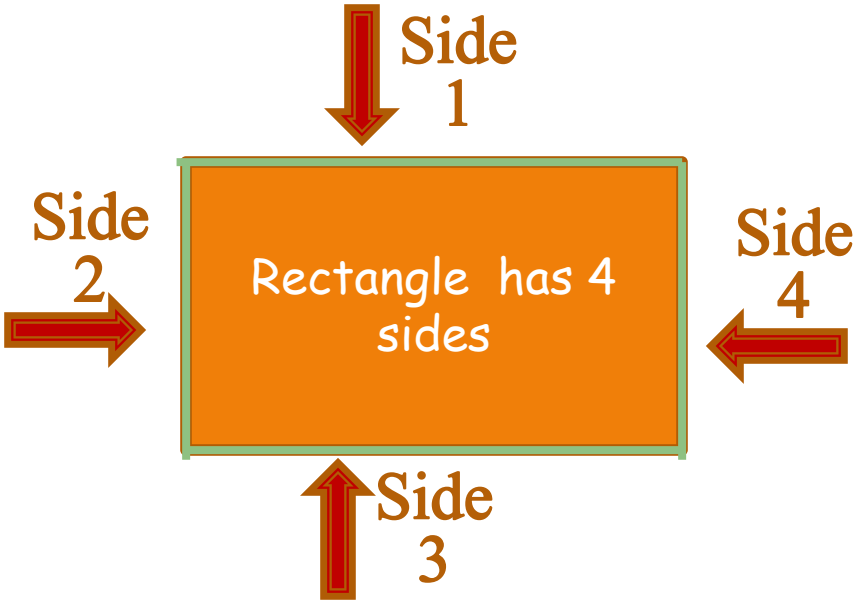
Real life examples



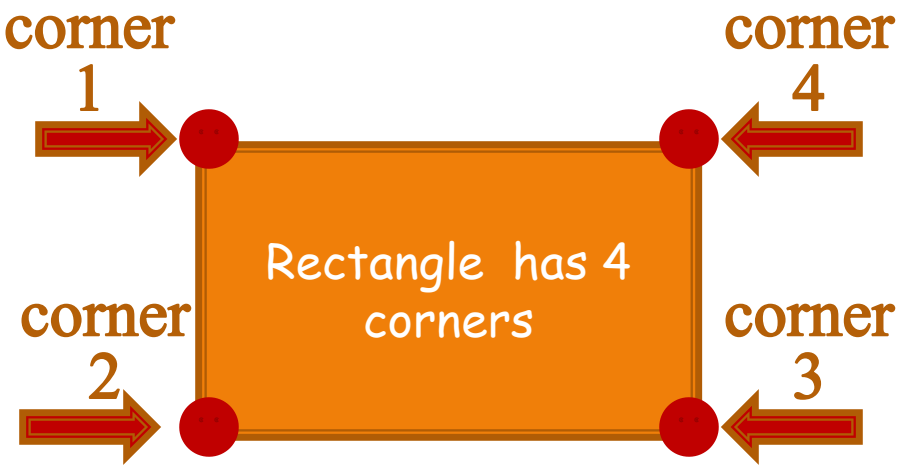


Rectangle

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



Real life examples



Reinforcement of Addition & Subtraction

Do you remember?

Sign/Symbol of Addition

Sign/Symbol of Subtraction

Solve the following.

a) Sum of 89 and 49

	T	O
	1	
	8	9
+	4	9
	13	8

T O
18

b) Total of 57 and 76

	T	O
	1	
	7	6
+	5	7
	13	3

T O
13

a) Add 66 and 49

	T	O
	1	
	6	6
+	4	9
	11	5

T O
15

b) 99 plus 47

	T	O
	1	
	9	9
+	4	7
	14	6

T O
16

Add 1 & Add 10

Add 1	Add 10
10 + 1 = 11	10 + 10 = 20
55 + 1 = 56	55 + 10 = 65
79 + 1 = 80	79 + 10 = 89
199 + 1 = 200	199 + 10 = 209
201 + 1 = 202	201 + 10 = 211

Question:

Subtract 49 from 89.

Tens	Ones
8	9
- 4	9
4	**0**

Always write bigger number first!

Step 1:

9ones - 9ones

= 0ones

Step 2:

8tens - 4tens

= 4tens

89 - 49 = 40

Question:

Take away 56 from 60.

Always write bigger number first!

Tens	Ones
~~6~~ 5	10
- 5	6
0	4

60 - 56 = 4

Question: **18 less than 71**

Always write bigger number first!

Tens	Ones
6 ~~7~~	1 1
- 1	8
5	3

71 - 18 = 53

Question#5 :

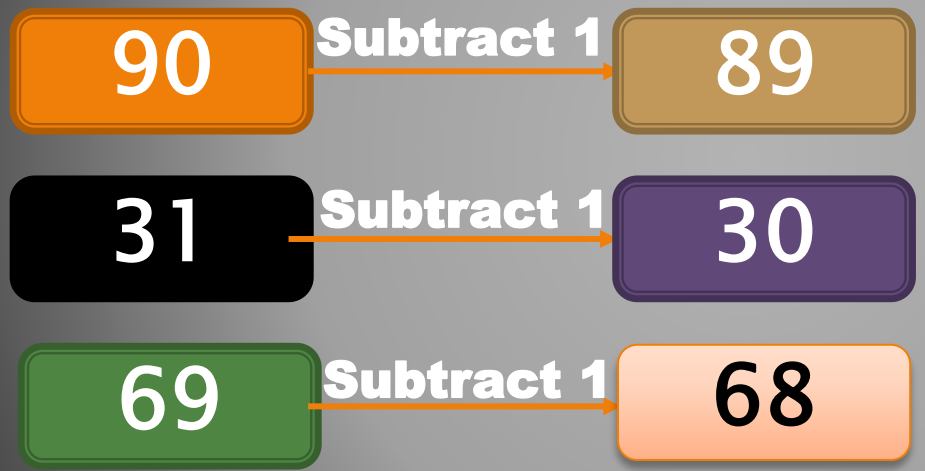
90 minus 80

Always write bigger number first!

Tens	Ones
9	0
- 8	0
1	0

90 - 80 = 10

What to do here?



Count backwards

What to do here?

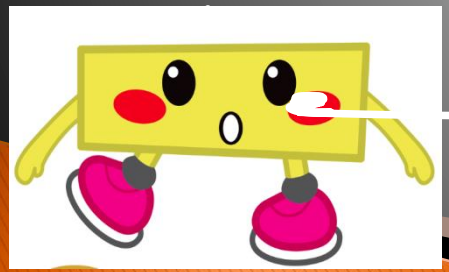
66 **Subtract 10** → 56

11 **Subtract 10** → 1

90 **Subtract 10** → 80

Remember?

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



Now, look at this

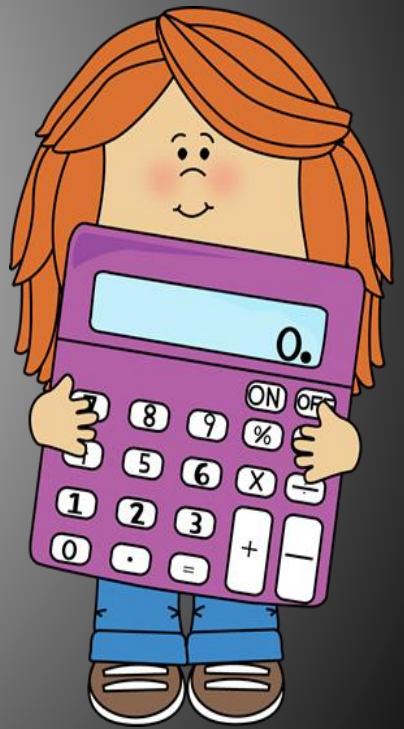
96

Subtract 1

95

Subtract 10

86



Now, look at this

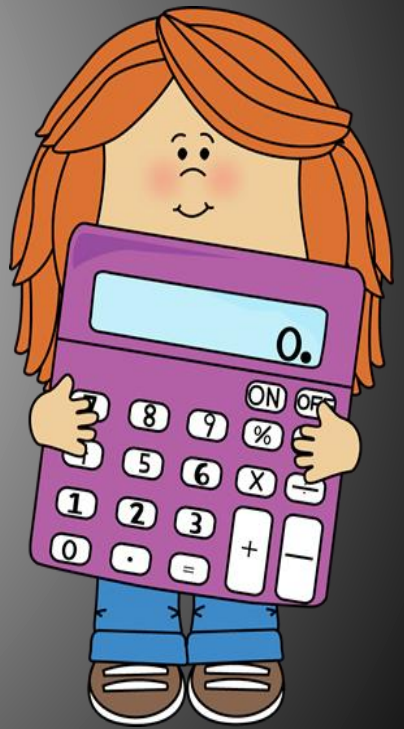
19

Add 1

20

Add 10

29



Question
Solve and write the answer.