MATHEMATICS

CLASS 1

LESSON # 50

Lesson Code 1M50

TOPIC:
Reinforcement

Numbers and their house

ONES: Numbers from 0 to 9 are all 1-digit numbers and belongs to ones family.

TENS: Numbers from 10 to 99 are all 2-digit numbers and belongs to tens family.

HUNDREDS: Numbers from 100 to 999 are 3-digit numbers and belongs to hundreds family.

Numbers from
0 to 9
lives in ones house

Ones
House

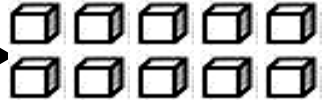
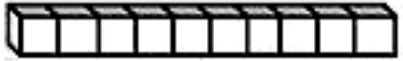
Numbers from
10 to 99
lives in tens house

Tens
House

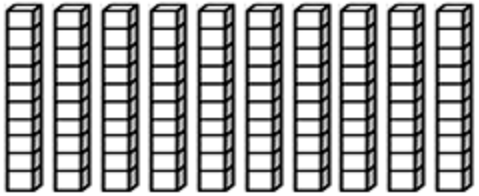
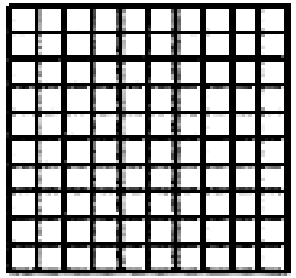
Numbers from
100 to 999
lives in hundreds
house

Hundreds
House

Remember!

10 ones →  make 1 ten → 

10 ones = 10

10 tens →  make 1 hundred → 

10 tens = 100

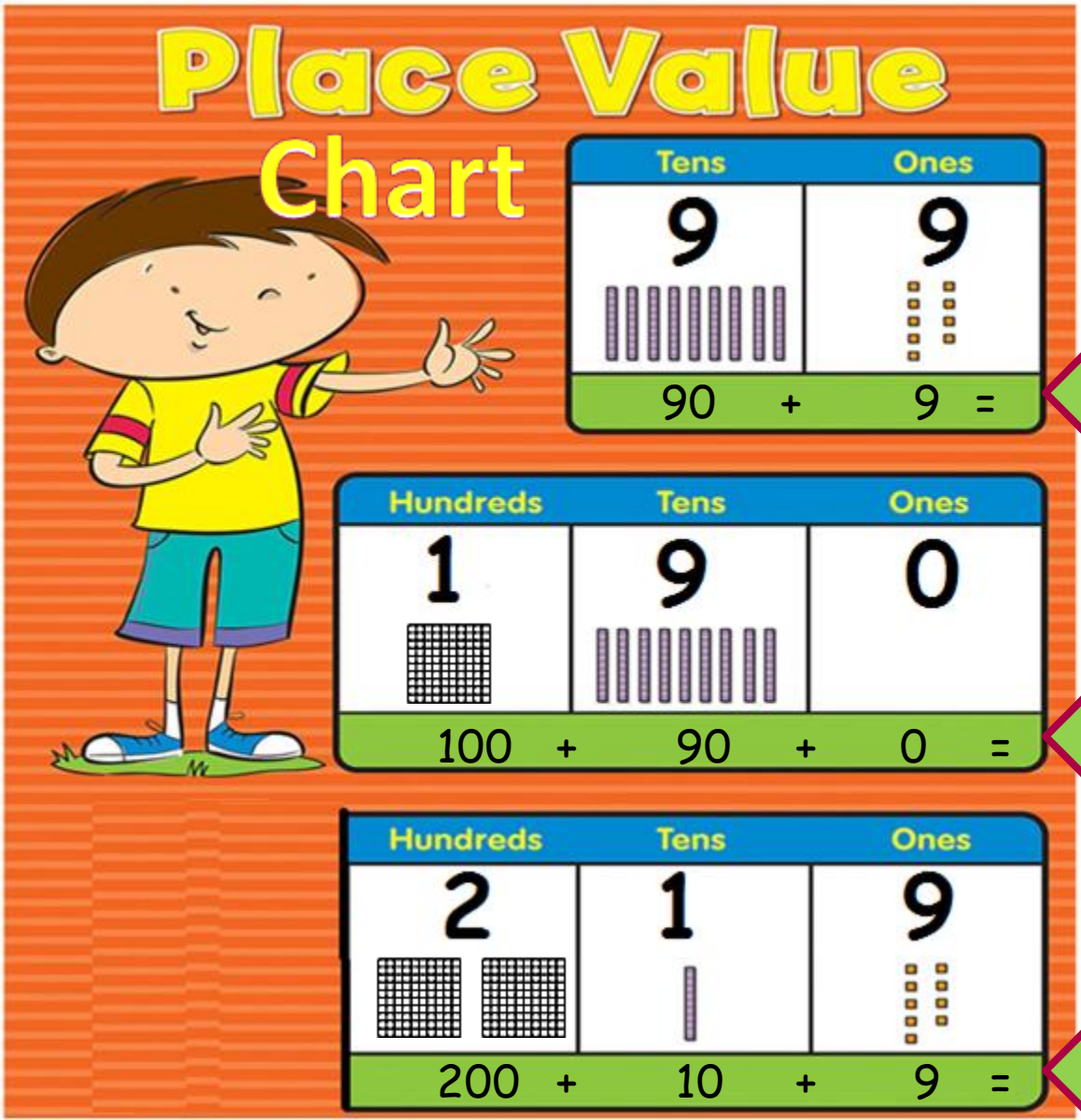
Place & Value

Ones, Tens, Hundreds are called Places of the number.

Place	Hundreds	Tens	Ones
	2	1	2
Value	200	10	2

Value of ones will always be a 1-digit number
Value of tens will always be a 2-digit number
Value of hundreds will always be a 3-digit number

Place Value Chart



Tens	Ones
9	9

90 + 9 = 99

Ninety nine

Hundreds	Tens	Ones
1	9	0

100 + 90 + 0 = 190

One Hundred and ninety

Hundreds	Tens	Ones
2	1	9

200 + 10 + 9 = 219

Two Hundred and nineteen

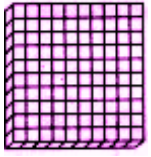
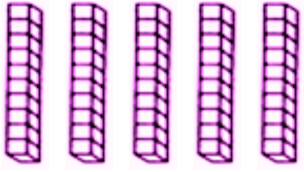
Standard Form & Expanded Form

Standard form is the usual way of writing numbers in digits(figures)

Expanded form is a way to write a number by adding the value of its digits.

Standard Form H T O	Expanded Form H T O
1 1	10 + 1
9 5	90 + 5
1 0 4	100 + 00 + 4
2 4 0	200 + 40 + 0

Complete the given boxes by counting the hundreds, tens and ones in the given table.

Hundreds	Tens	Ones
		
1 hundreds	5 tens	7 ones

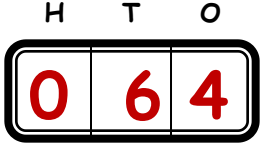
Expanded form: 100 + 50 + 7 = 157

H	T	O
1	5	7

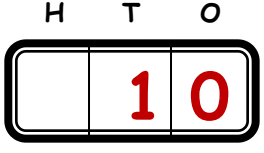
Number name: One hundred and fifty seven

Write the number for the given place values.

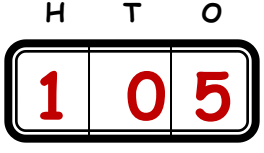
6 tens, 4 ones



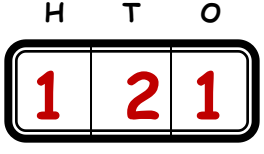
10 ones



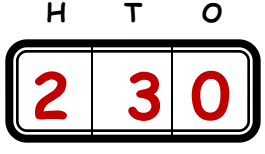
10 tens, 5 ones



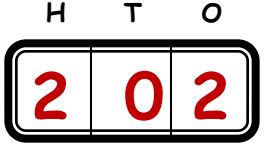
1 hundred, 2 tens, 1 one



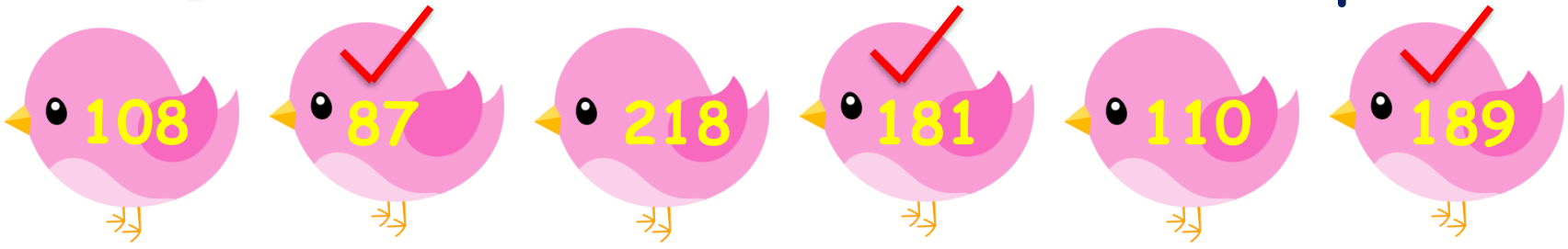
2 hundreds, 3 tens



2 hundreds, 2 ones

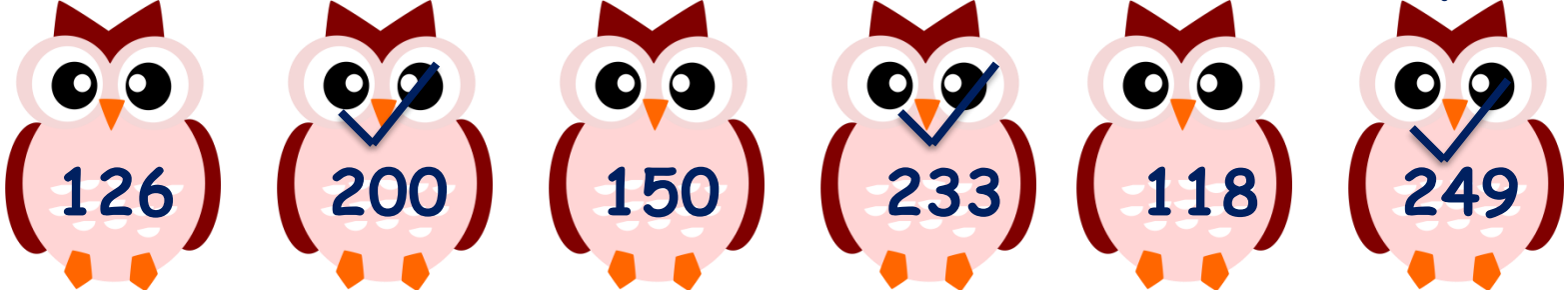


Tick ✓ the numbers that have 8 in the *tens* place.



Tick ✓ the numbers that have 5 in the *ones* place.

Tick ✓ the numbers that have 2 in the *hundreds* place.



Fill in the blanks with the help of the given number.

1 9 0

(i) The digit **1** is in the hundreds place.

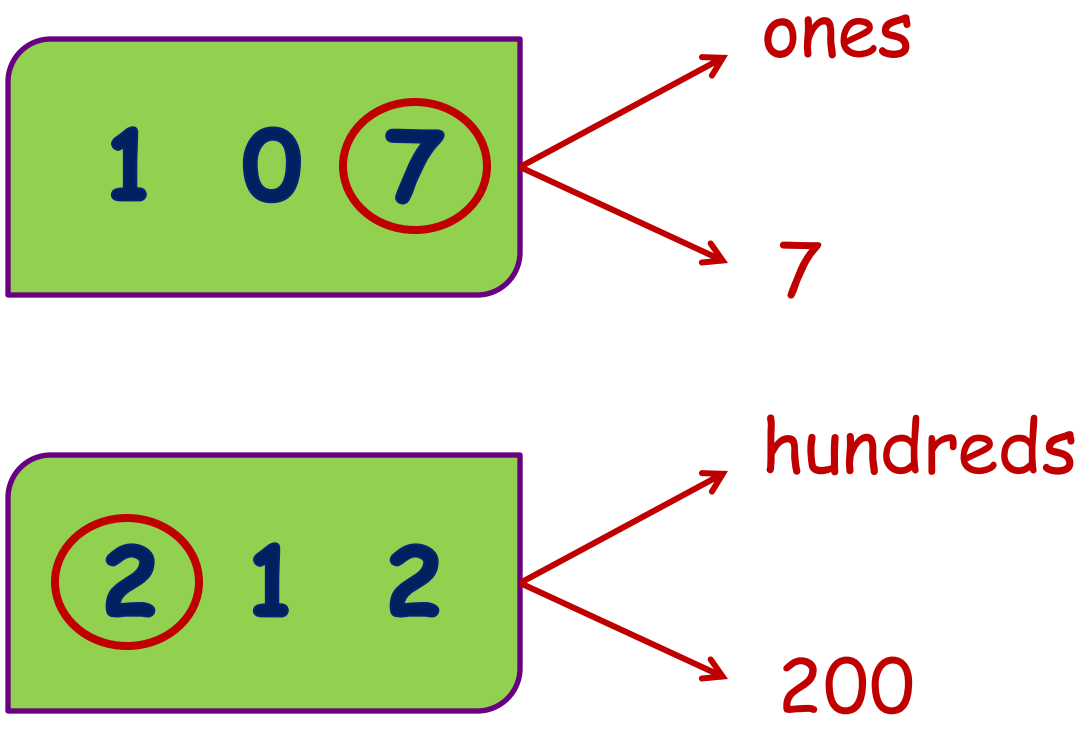
(ii) The value of the digit **9** is 90.

(iii) The value of the digit **0** is 0.

(iv) The digit **9** is in the tens place.

(v) The value of digit 1 is 100.

Write the place and value of the encircled digit.



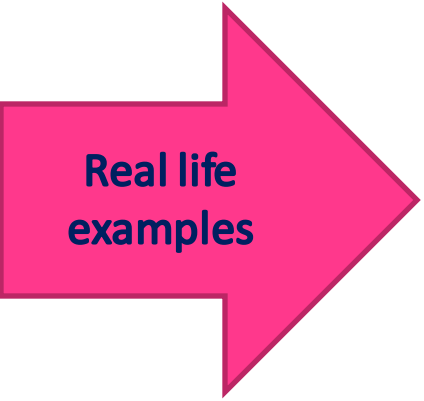
What are 2D Shapes?

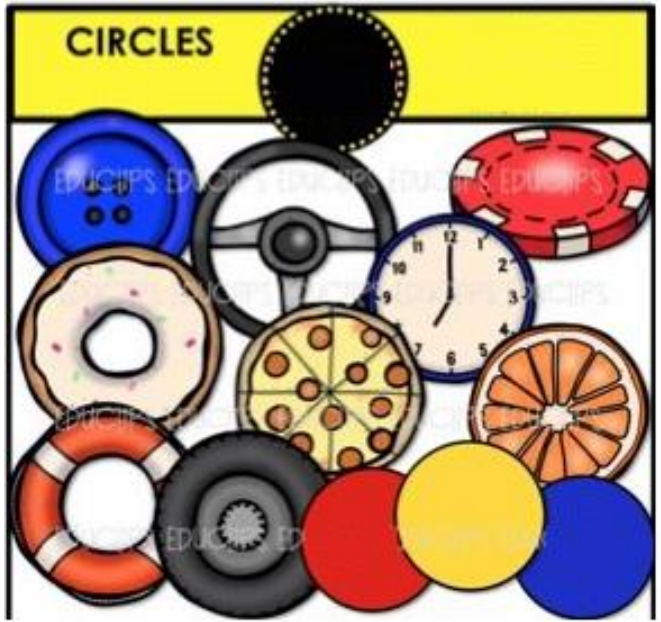
2D shapes have sides and corners, and are completely flat. You can draw it easily on a piece of paper.

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



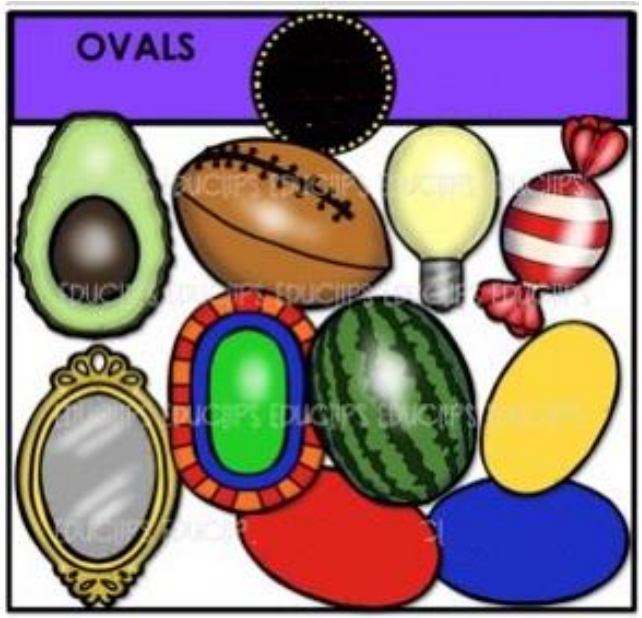


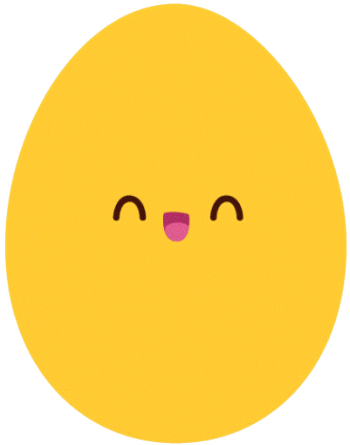
Oval

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

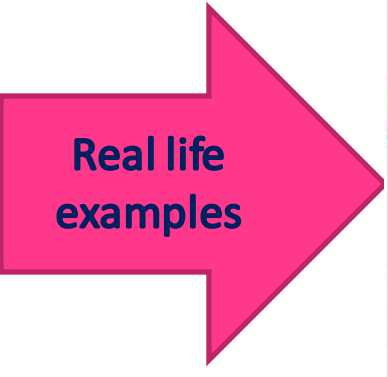
Real life examples

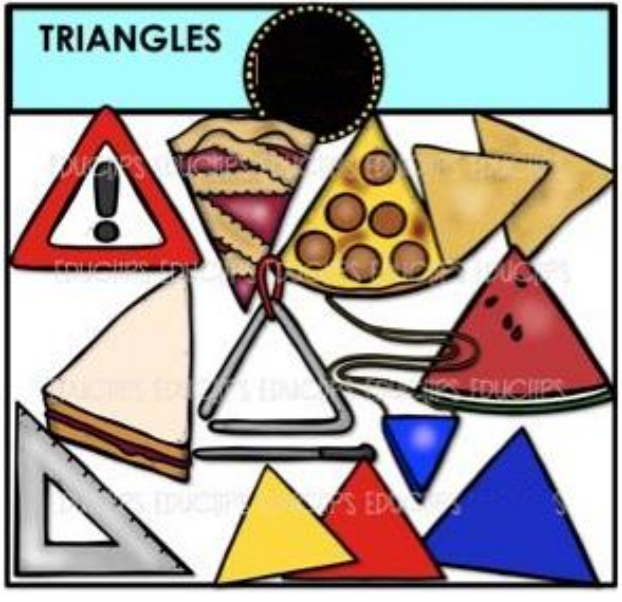


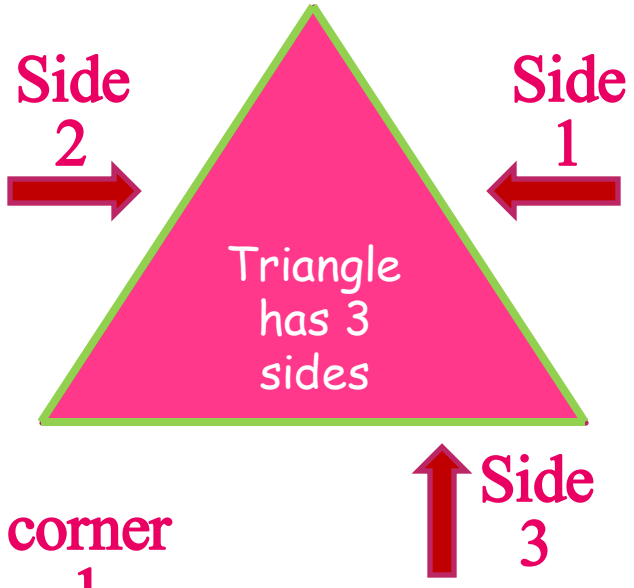


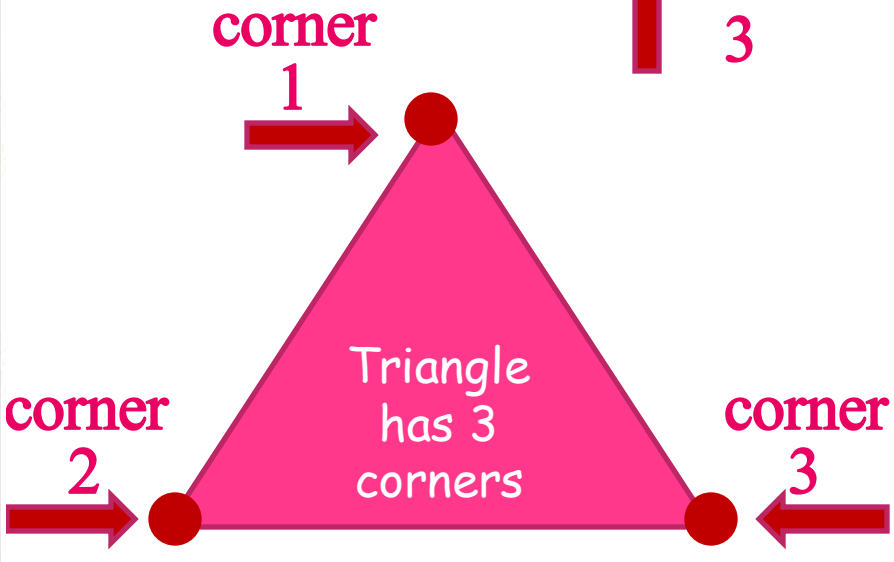
Triangle

It is a closed figure.
It has 3 sides 3 corners.



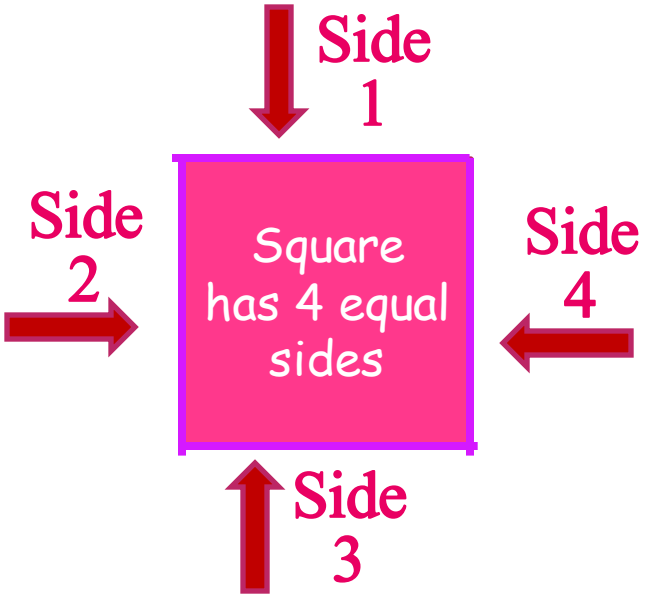




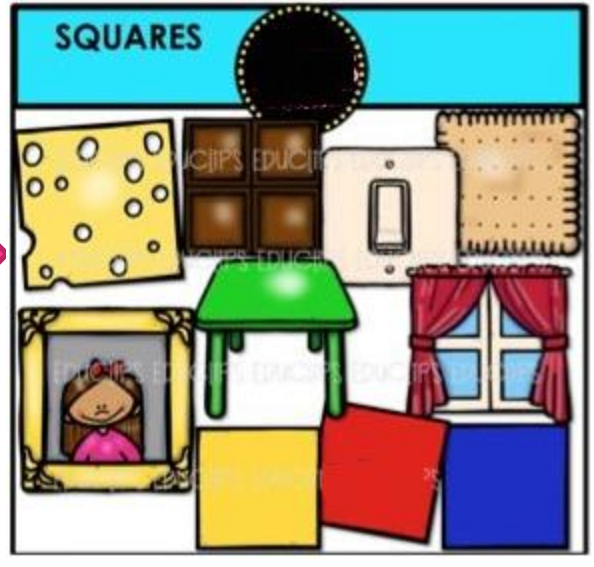


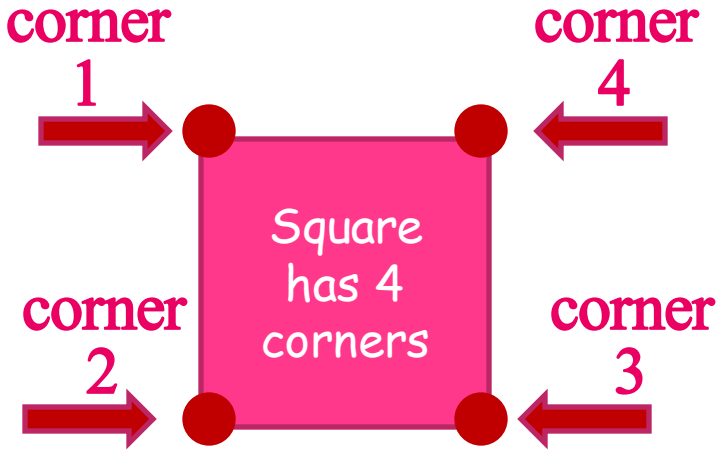
Square

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



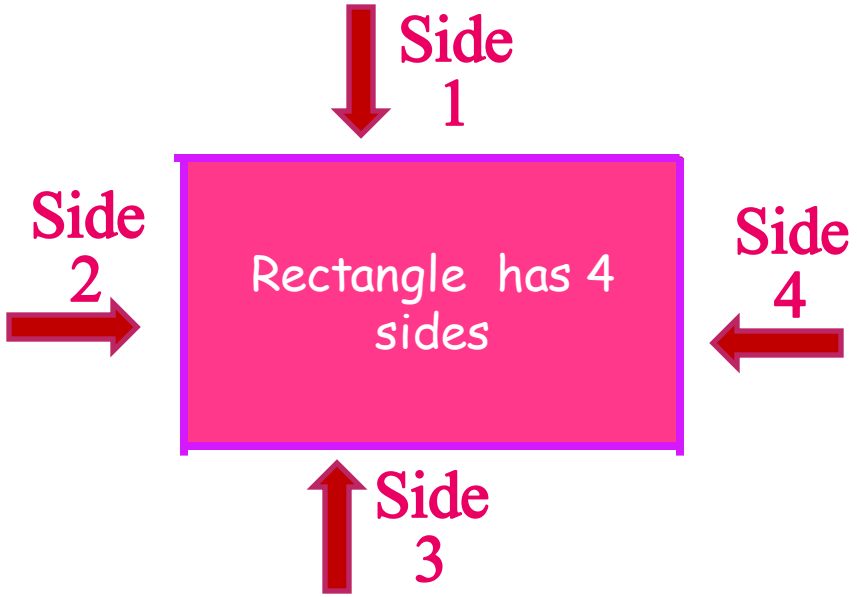
Real life examples



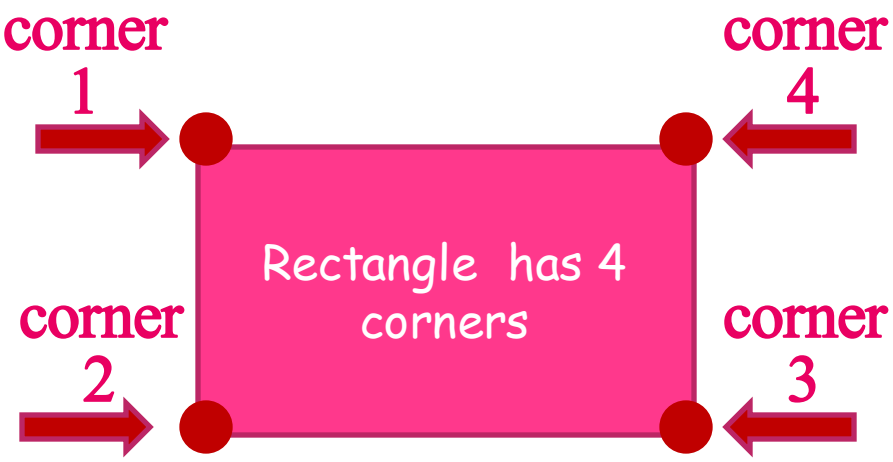


Rectangle

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



Real life examples



Question

Fill in the blanks.

a) Square has 4 equal sides and 4 corners.

b) Rectangle has 4 corners and 4 sides.

c) Circle and Oval has no/zero sides.

d) Circle looks like a ball.

e) Rectangle has opposite sides equal in length.

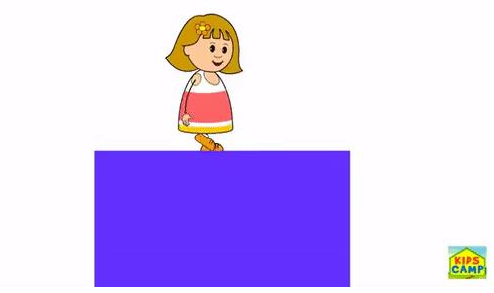
f) Triangle has 3 sides and 3 corners.

g) Oval looks like an egg.

Riddles

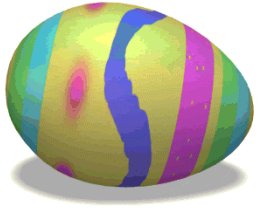
a) I'm a flat shape
I have 4 sides and 4 corners
My opposite sides are equal
What shape am I?

I'm Rectangle



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

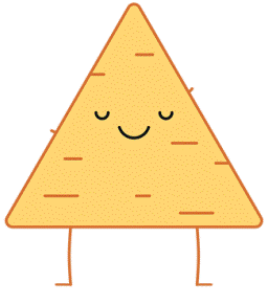
I'm an Oval



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

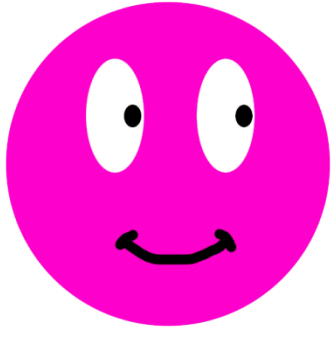
I'm Square

I'm Triangle



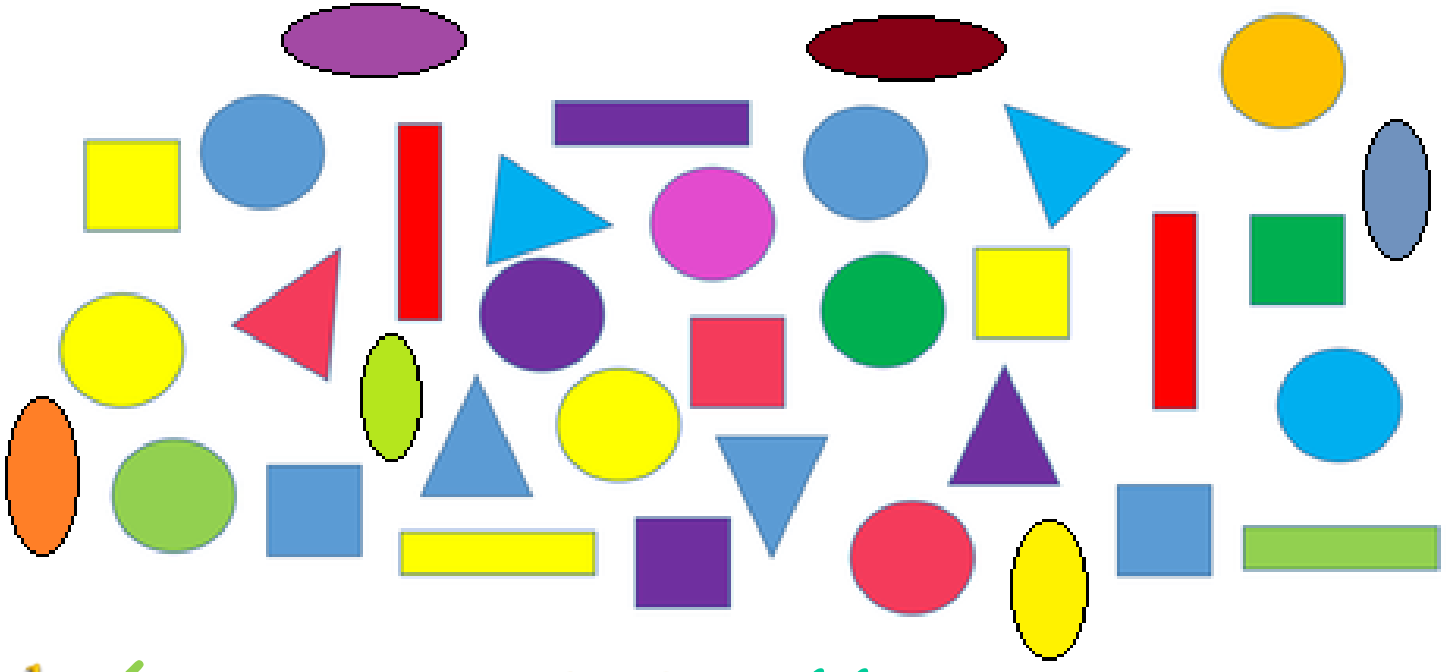
d) I'm a flat shape
I have 3 sides and 3 corners
What shape am I?

I'm circle



e) I have no corners
I have no sides
I looks like a ball
Who am I?

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



Oval: 6

Circle: 11

Rectangle: 5

Square: 7

Triangle: 6

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

Square

Rectangle

Triangle

Circle

Oval

Addition with Regrouping(carry)

Adds up to 9, everything is fine!

H	T	O
1	3	2
+ 1	6	4
2	9	6

10 or more, take the extra and go next door!

H	T	O
	1	
1	3	6
+ 1	0	7
2	4	3

T O
13

Add the following.

a) Sum of 105 and 76

b) Total of 199 and 10

H	T	O
	1	
1	0	8
+	7	6
1	8	4

TO 14

H	T	O
	1	
1	9	9
+	1	0
2	0	9

HT 10

c) 69 plus 74

d) Add of 38,21 and 97

	T	O
	1	
	7	4
+	6	9
	14	3

T O
13

	T	O
	1	
	9	7
+	3	8
	2	1
	15	6

T O
16

subtraction with Regrouping(borrow)

More on the top?
No need to stop!

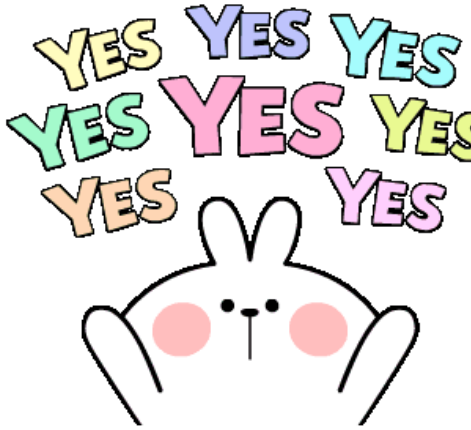
H	T	O
2	4	3
- 1	3	1
1	1	2

More on the floor?
Go next door……
And get 10 more!

H	T	O
	5	
1	~~6~~	13
-	3	8
1	2	5

Numbers the same?
Zero's the game!

H	T	O
2	4	3
- 1	0	3
1	4	0



Subtract the following.

a) 169 less than 175

H	T	O
	6	
1	~~7~~	15
- 1	6	9
0	0	6

b) Take away 78 from 229

H	T	O
	1	
~~2~~	12	9
-	7	8
1	5	1

Mental maths

Add

99 + 1 = 100

71 + 10 = 81

125 + 7 = 132

101 + 9= 110

245 + 5 = 250

Count forward

Subtract

100 - 1 = 99

71 - 10 = 61

125 - 7 = 118

101 - 9 = 92

245 - 5 = 240

Count backwards

Solve and write the answer.