

# MATHEMATICS

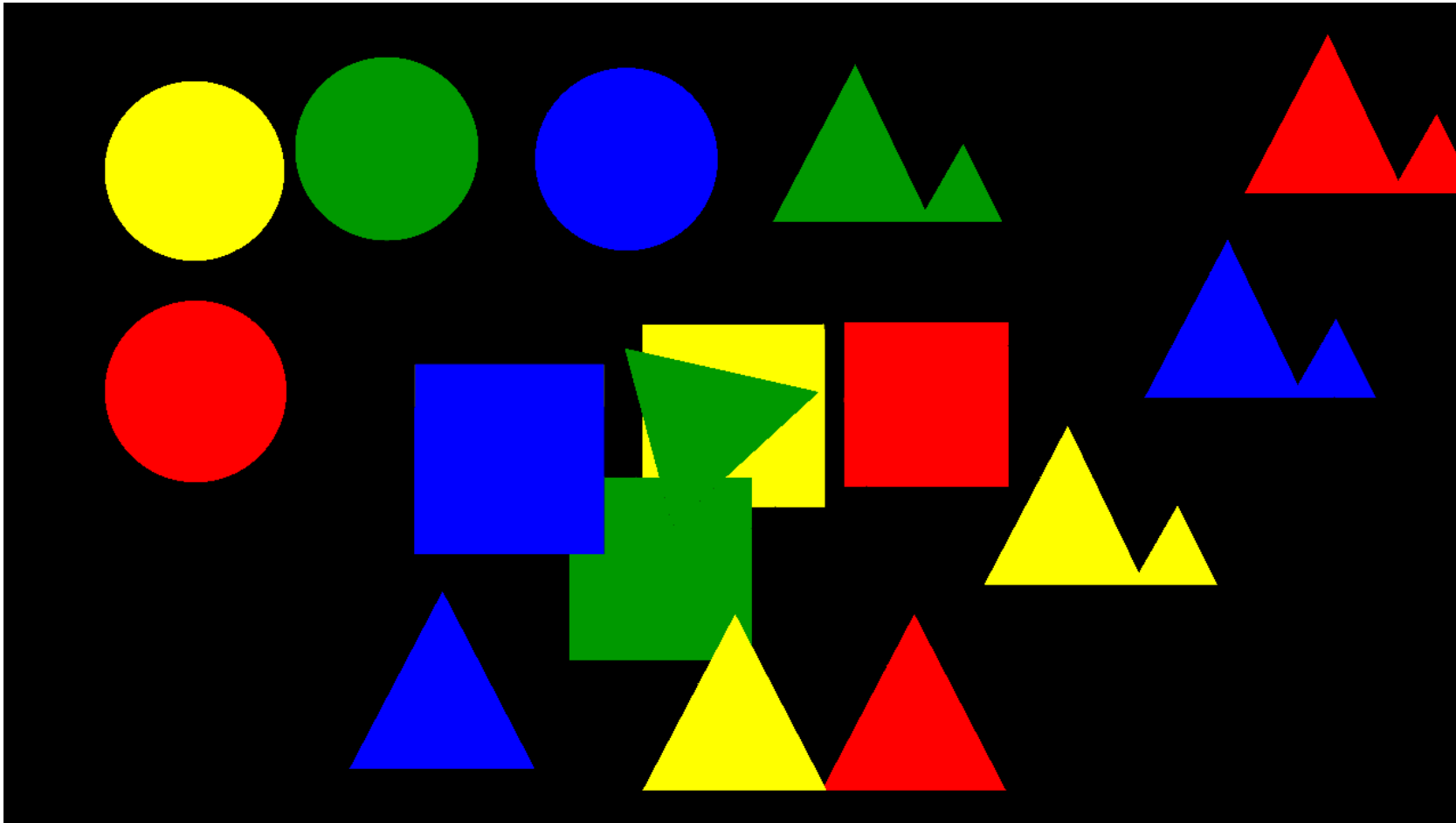
## CLASS 1

### LESSON # 49

**Lesson Code 1M49**

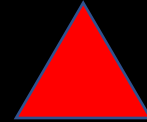
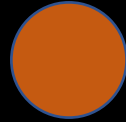


# Topic 2D/ Flat/ Plane shapes , Addition & Subtraction

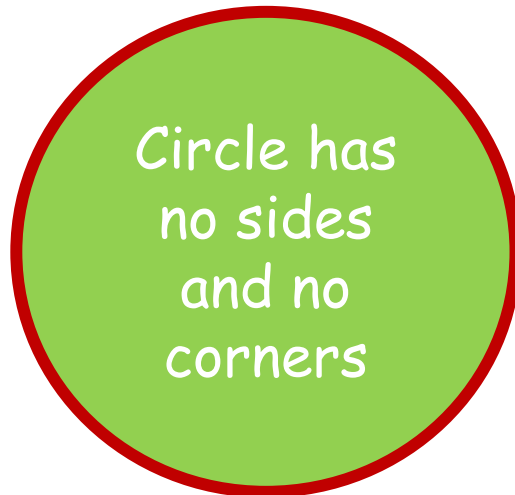
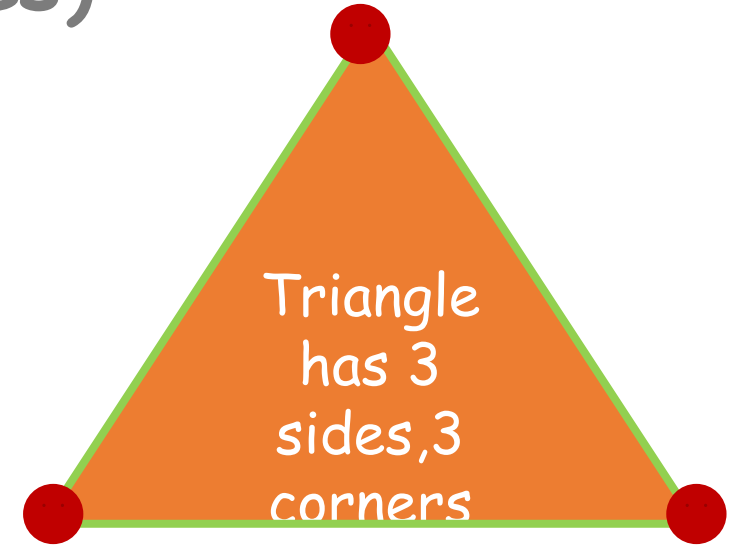
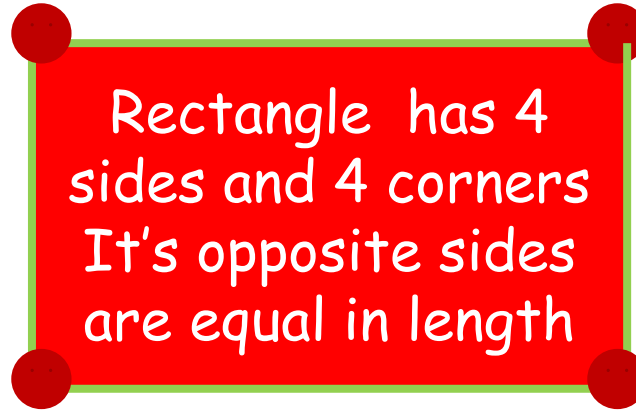
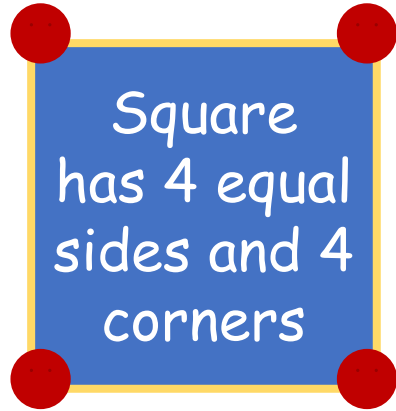


# 2D /Flat/ Plane shapes

- ❖ 2D shapes are flat(plane).
- ❖ 2D shapes have sides and corners.
- ❖ Example;
- ❖ Square, Rectangle, Circle, Oval, Triangle etc.



# 2D Shapes(Flat shapes)



# Activity

Fill in the blanks.

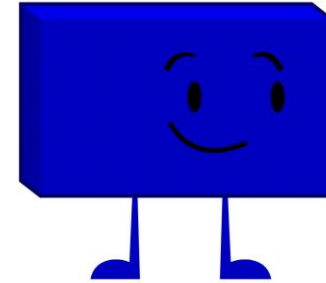
- a) Circle has Zero / 0 sides and zero corners.
- b) Rectangle has opposite sides equal in length.
- c) Square has Four / 4 corners.
- d) Oval looks like an egg.
- e) Square has 4/all sides equal in length.
- f) Circle is round in shape.
- g) Triangle has 3 sides and 3 corners.

# Riddles

# Activity

- a) I'm a flat shape  
I have 4 sides and 4 corners  
My opposite sides are equal  
What shape am I?
- b) I have no corners  
I have no sides  
I looks like an egg  
Who am I?
- c) I have 3 sides and 3 corners  
Who am I?

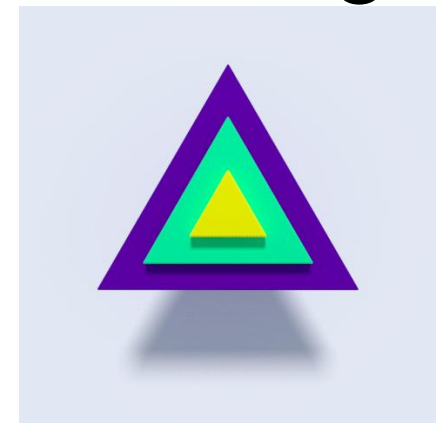
I'm a Rectangle



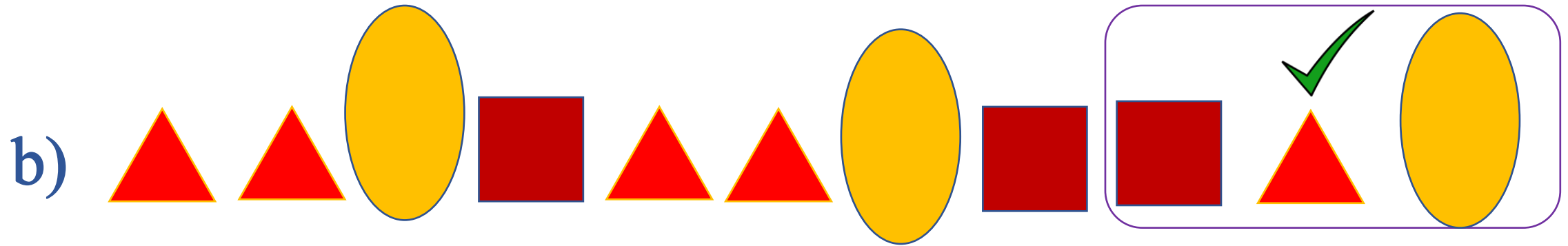
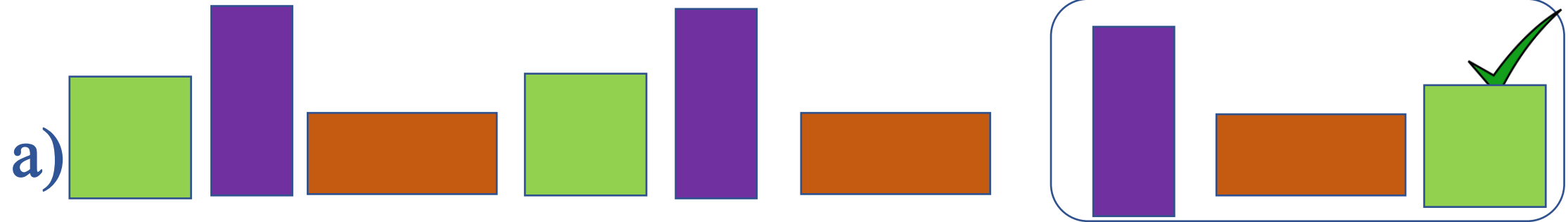
I'm a oval



I'm a triangle



Look at the given patterns and tick ✓ the shape that will come next.



Count and write how many are there;

Circle: 9

Square: 8

Triangle: 4

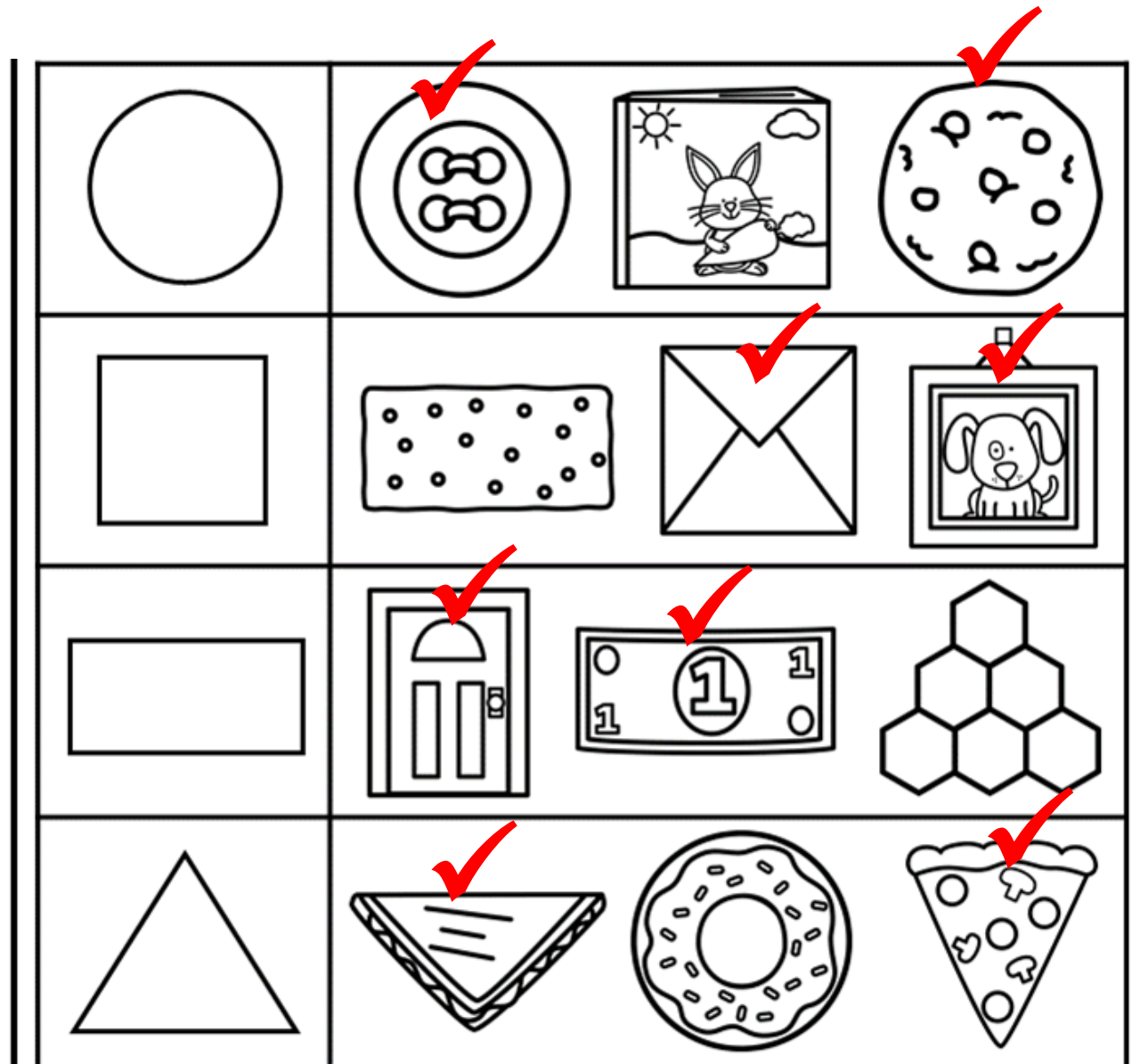
Oval: 4

Rectangle: 5





Tick ✓ the objects in which you can see the given shape.



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



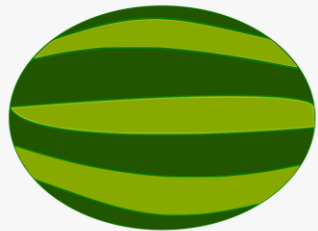
Circle



Triangle



Rectangle



Oval

**Do you  
remember?**

**Sign/Symbol of Addition**



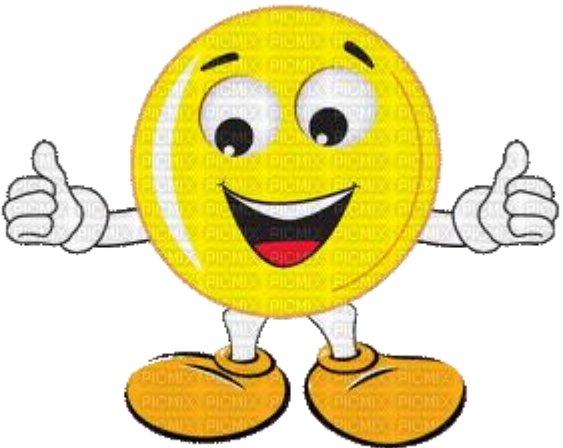
**Sign/Symbol of  
Subtraction**



# Add 75,9 and 51

$$\begin{array}{r} \text{T O} \\ 75 \\ + 51 \\ \hline 135 \end{array}$$

Diagram illustrating the addition of 75 and 51. The tens column shows 7 + 5 = 12, with a carry of 1 (circled in red) being added to the hundreds column. The ones column shows 5 + 1 = 6. The final sum is 135, with the 15 in the ones column highlighted in red.



# Add 87,4 and 3

T O

1

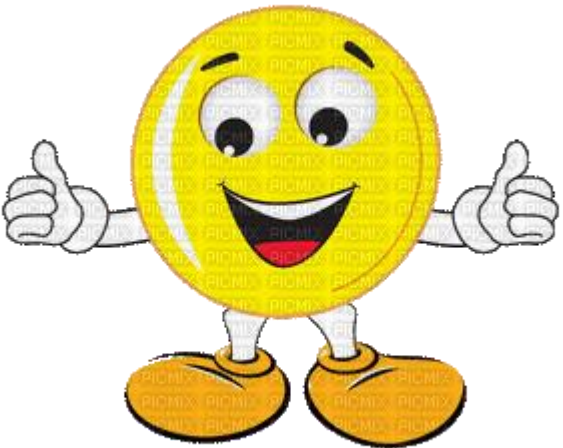
8 7 10

3

+ 4 14

9 4

The diagram illustrates the addition of 87,4 and 3. The numbers are written in yellow. The sum 94 is written in purple. A red 10 is shown next to the 7, indicating a carry. A red 14 is shown next to the 4, indicating a carry. A blue arrow points from the 14 to the 4, and another blue arrow points from the 10 to the 1 in the tens place.



Solve the following.

a) Sum of 185 and 20

	H	T	O
	1	8	5
+		2	0
	2	0	5

Diagram illustrating the addition of 185 and 20. The first number 185 is written in red, and the second number 20 is written in red. The sum 205 is written in yellow. A green circle with the number 1 is placed above the first number. A blue arrow points from the 1 in the tens place of the first number to the 1 in the tens place of the sum. A green number 10 is written to the right of the second number, indicating the value of the tens place. A blue arrow points from the 10 to the 1 in the tens place of the sum.

b) Total of 118 and 107

	H	T	O
	1	1	8
+	1	0	7
	2	2	5

Diagram illustrating the addition of 118 and 107. The first number 118 is written in red, and the second number 107 is written in red. The sum 225 is written in yellow. A green circle with the number 1 is placed above the first number. A blue arrow points from the 1 in the tens place of the first number to the 1 in the tens place of the sum. A green number 15 is written to the right of the second number, indicating the value of the tens place. A blue arrow points from the 15 to the 1 in the tens place of the sum.

Solve the following.

c) Plus 195 and 82

	H	T	O	
	1	9	5	
+		8	2	
	2	7	7	
				17

Diagram illustrating the addition of 195 and 82. The numbers are aligned by place value (Hundreds, Tens, Ones). The sum is 277. A carry of 17 is shown from the Ones column to the Tens column.

b) Total of 169 and 104

	H	T	O	
	1	6	9	
+	1	0	4	
	2	7	3	
				TO 13

Diagram illustrating the addition of 169 and 104. The numbers are aligned by place value (Hundreds, Tens, Ones). The sum is 273. A carry of 13 is shown from the Ones column to the Tens column.

## Question:

Take away 80 from 200.

Always write  
bigger number  
first!

	Hundreds	Tens	Ones
	<sup>1</sup> <del>2</del>	<sup>1</sup> 0	0
-		8	0
	1	2	0

$$200 - 80 = 120$$



## Question:

Subtract 160 from 248.

Always write  
bigger number  
first!

	Hundreds	Tens	Ones
	<sup>1</sup> <del>2</del>	<sup>1</sup> 4	8
–	1	6	0
	0	8	8

$$248 - 160 = 88$$

# Question:

13 less than 230.

Always write  
bigger number  
first!

	Hundreds	Tens	Ones
	2	<del>2</del> 3	10
-		1	3
	2	1	7

$$230 - 13 = 217$$

# Question:

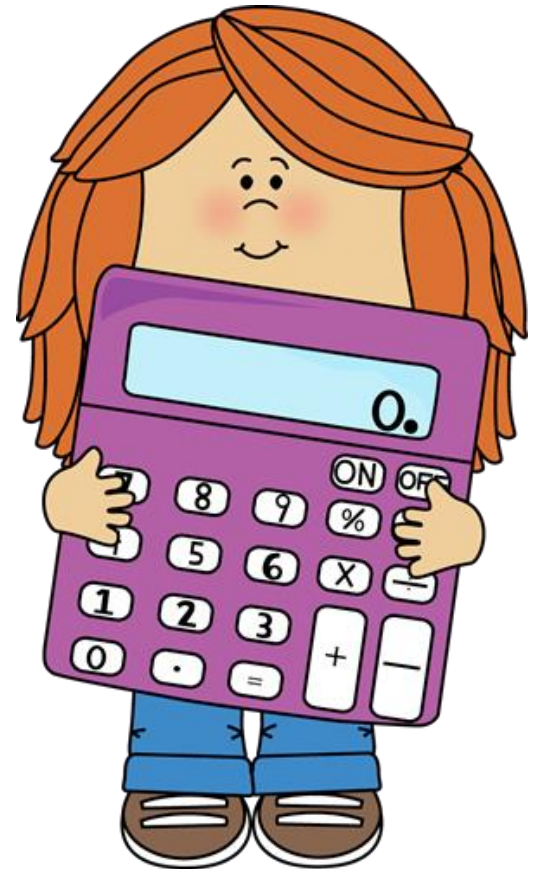
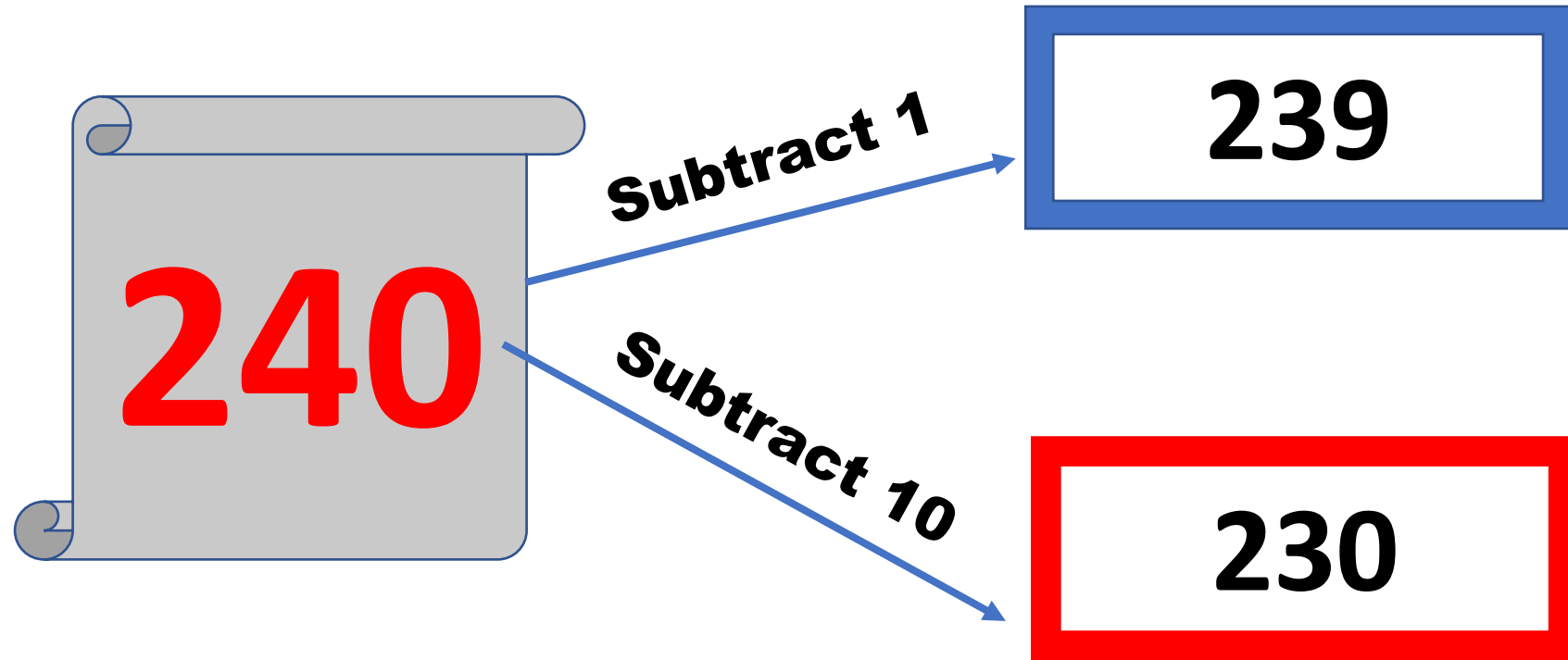
Minus 208 and 76.

Always write  
bigger number  
first!

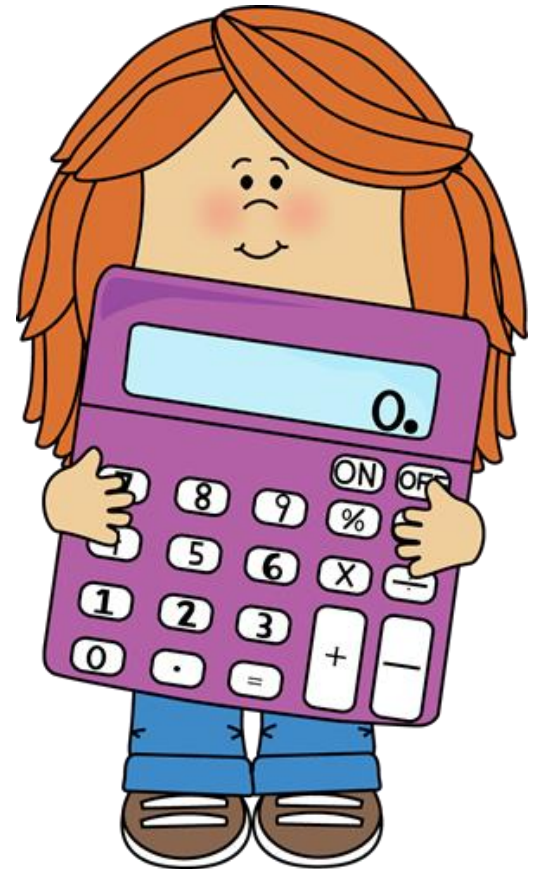
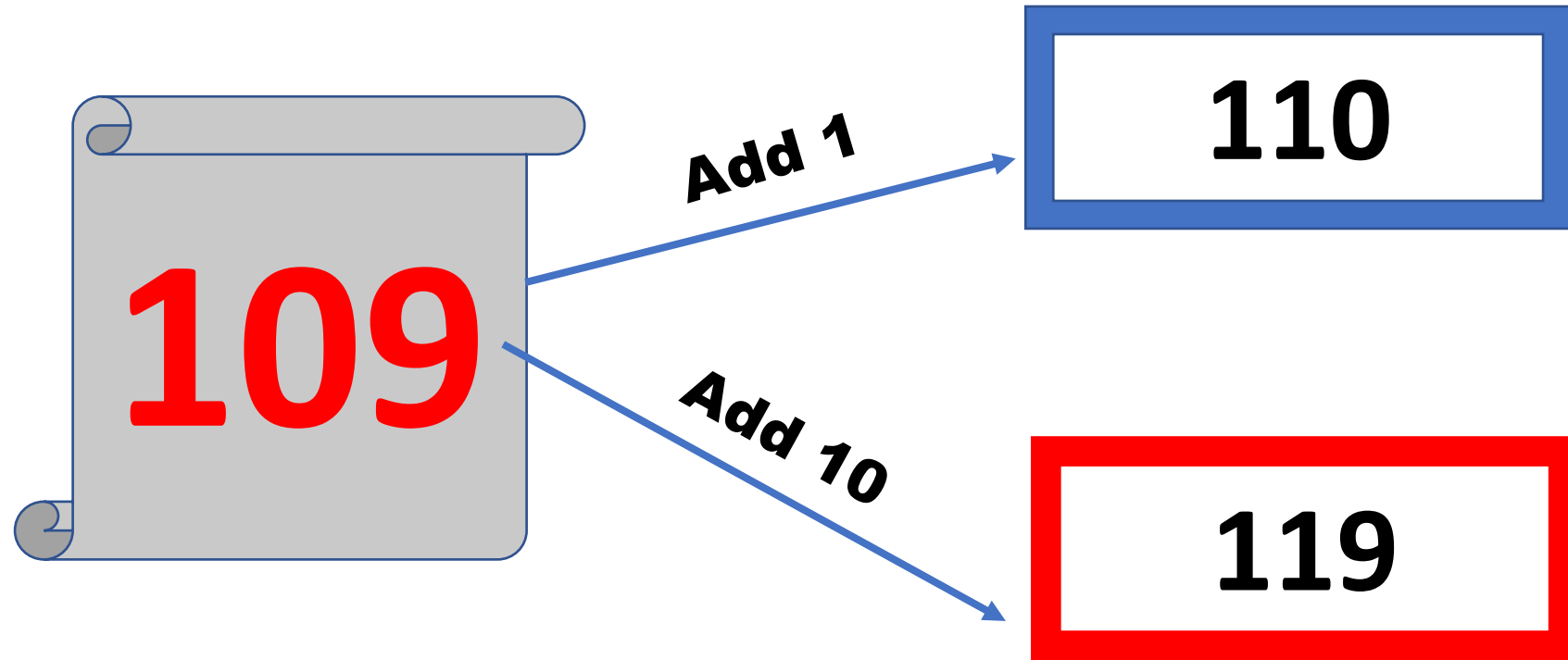
	Hundreds	Tens	Ones
	<sup>1</sup> <del>2</del>	<sup>1</sup> 0	8
-		7	6
	1	3	2

$$208 - 76 = 132$$

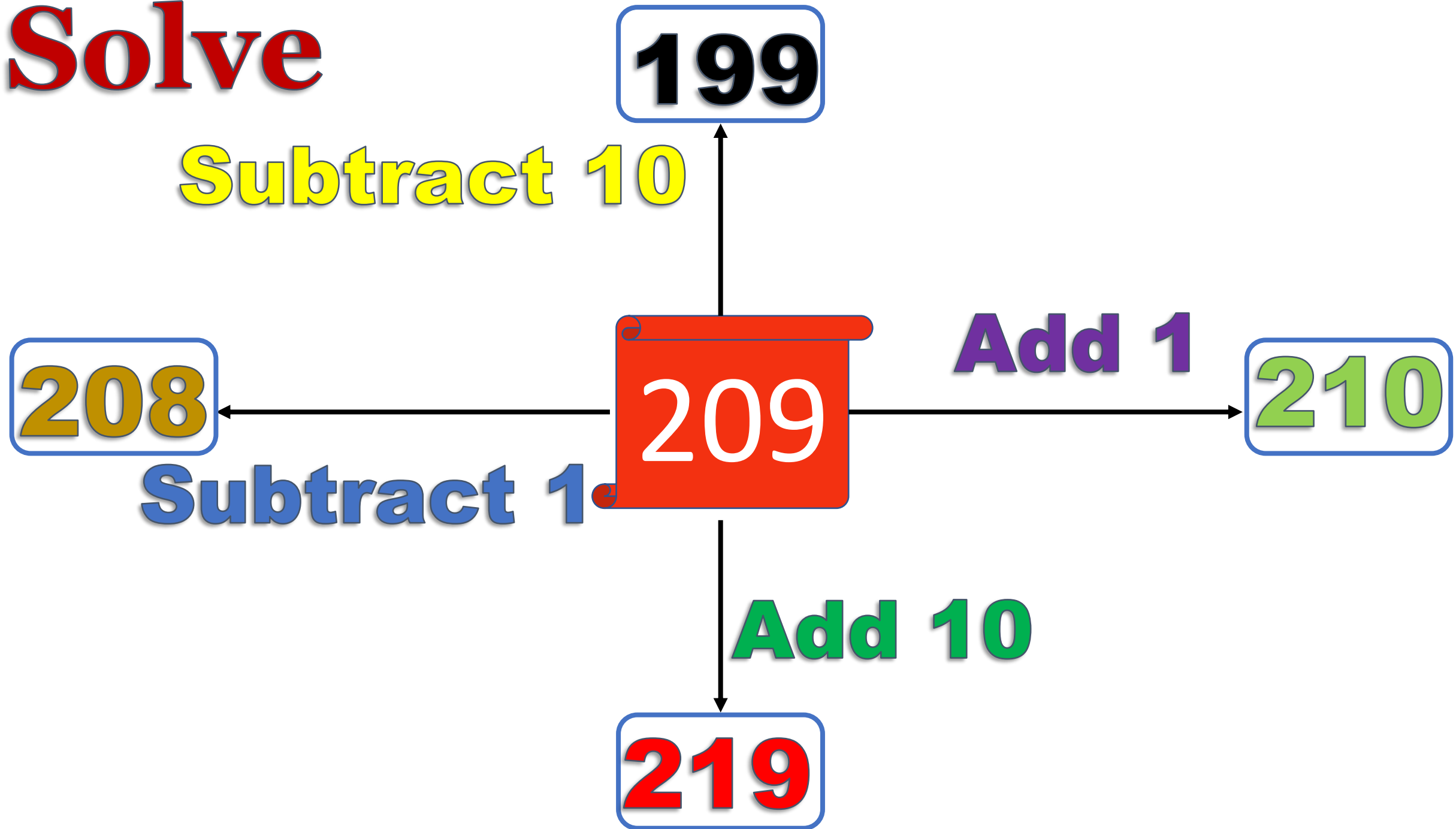
Now, look at this



Now, look at this



# Solve



# Solve

$$150 - 1 = 149$$

$$68 + 0 = 68$$

$$222 - 9 = 213$$

$$118 + 5 = 123$$