

MATHEMATICS

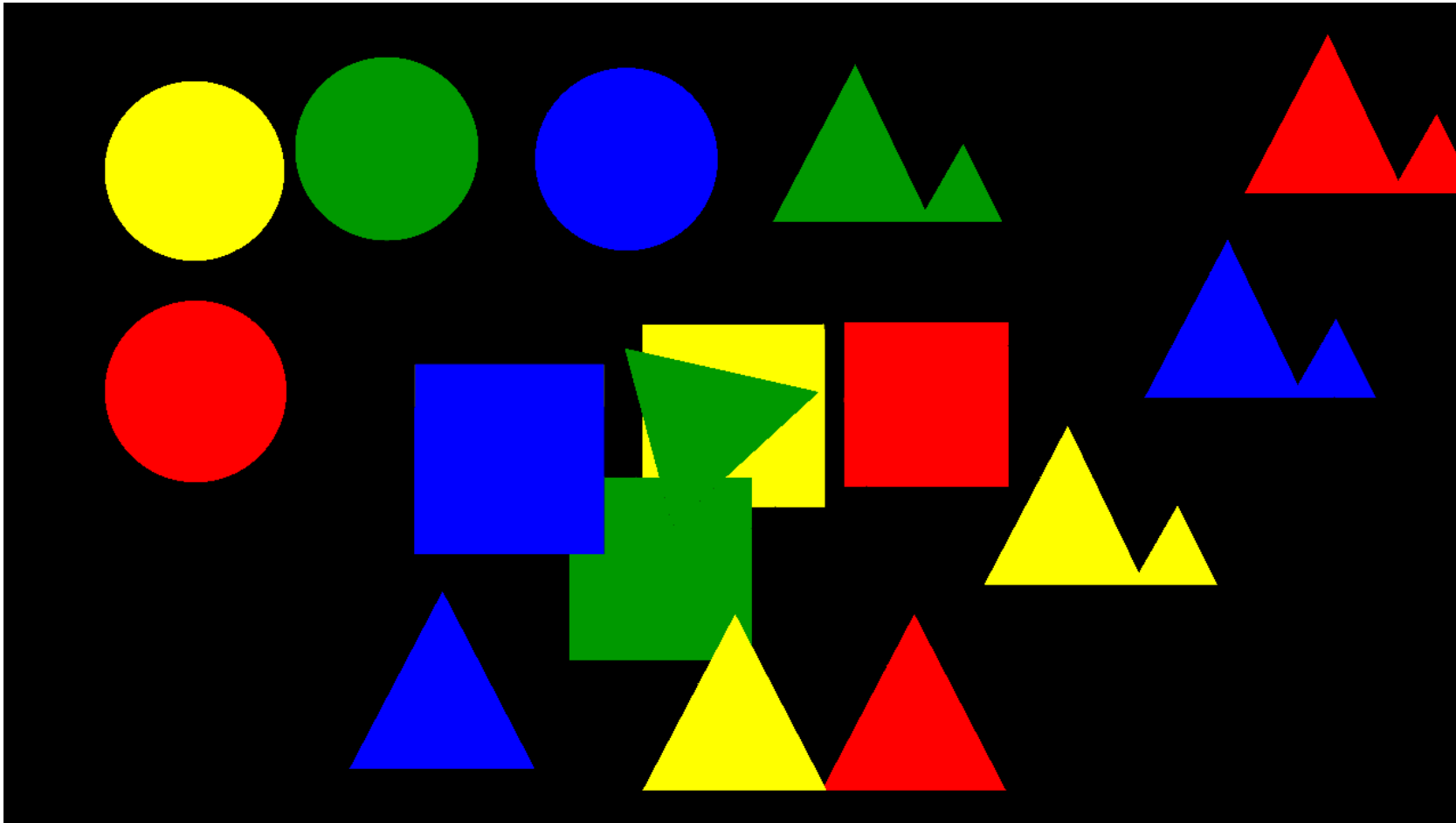
CLASS 1

LESSON # 48

Lesson Code 1M48

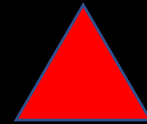
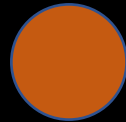


Topic 2D/ Flat/ Plane shapes , Addition & Subtraction

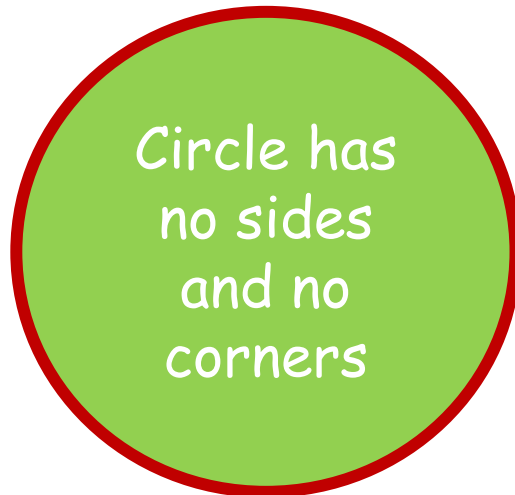
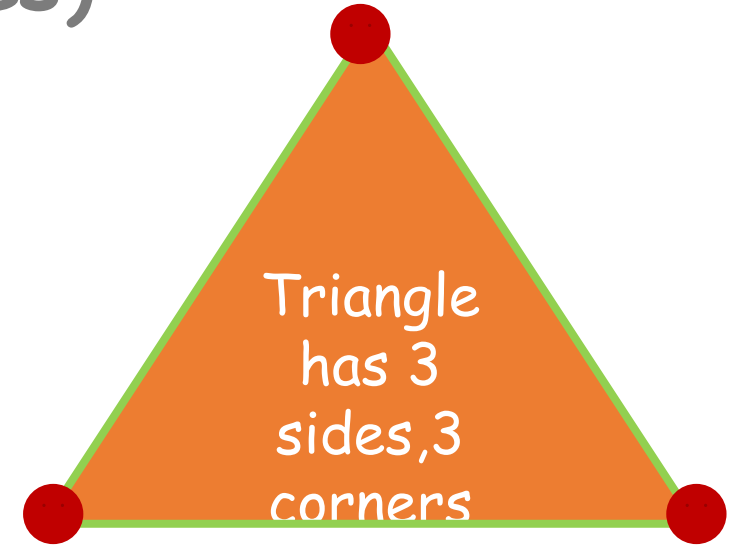
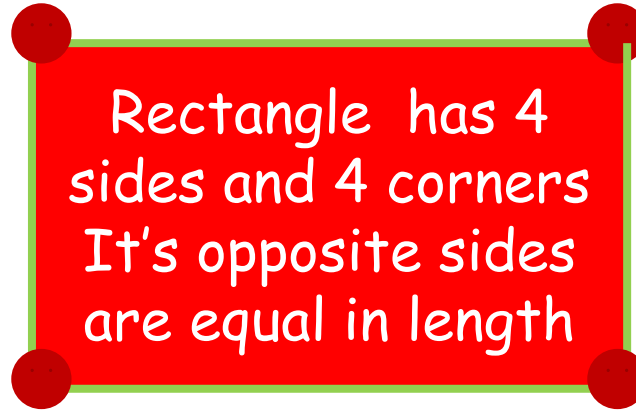
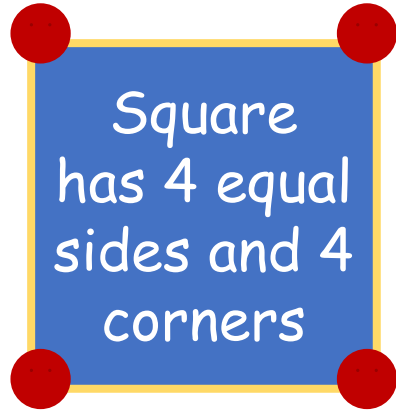


2D /Flat/ Plane shapes

- ❖ 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) Square/Rectangle has 4 sides and 4 corners.
- b) Rectangle has opposite sides equal in length.
- c) Circle/Oval has no/zero sides.
- d) Circle looks like a ball.
- e) Square has all sides equal in length.
- f) Oval looks like an egg.
- g) Triangle has 3 sides and 3 corners.

Riddles

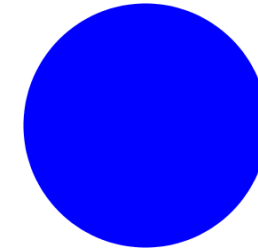
Activity

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

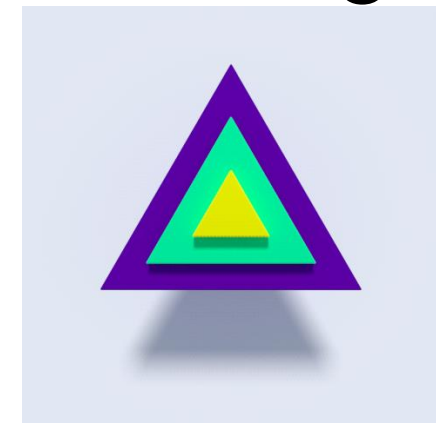
I'm a square



I'm a Circle

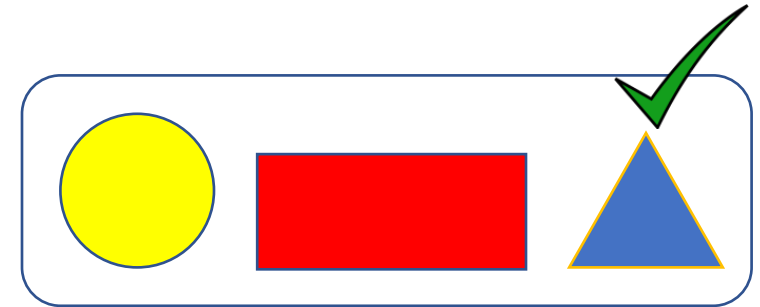
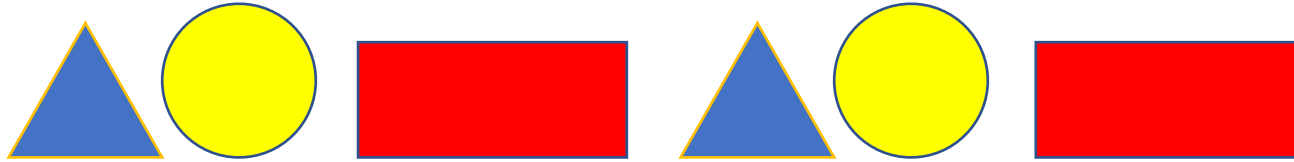


I'm a triangle

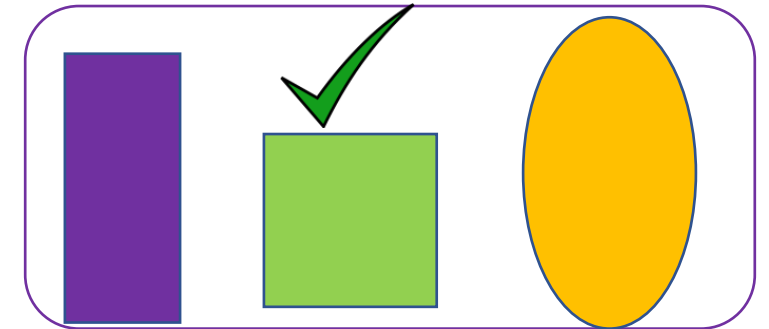
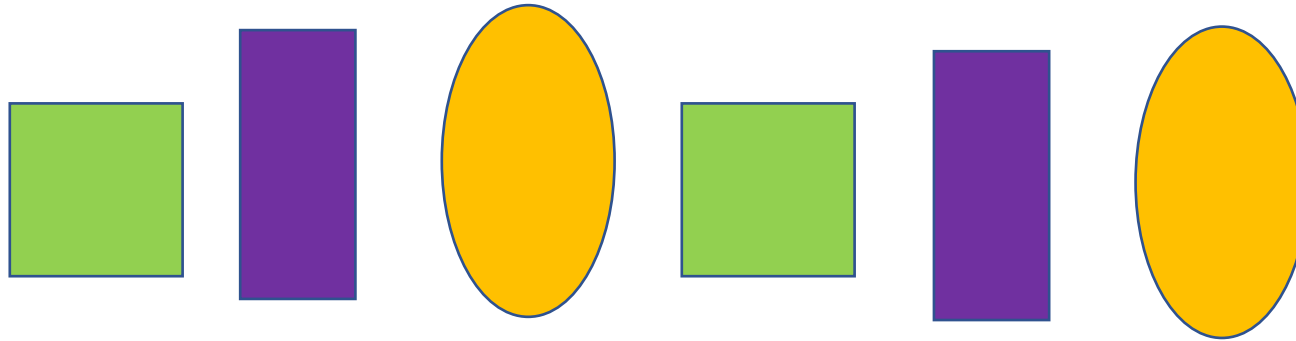


Look at the given patterns and tick ✓ the shape that will come next.

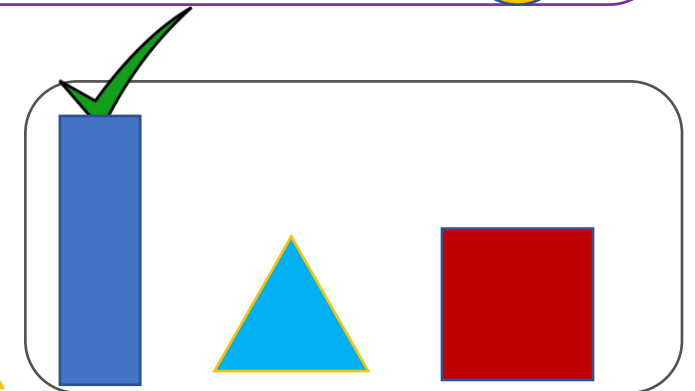
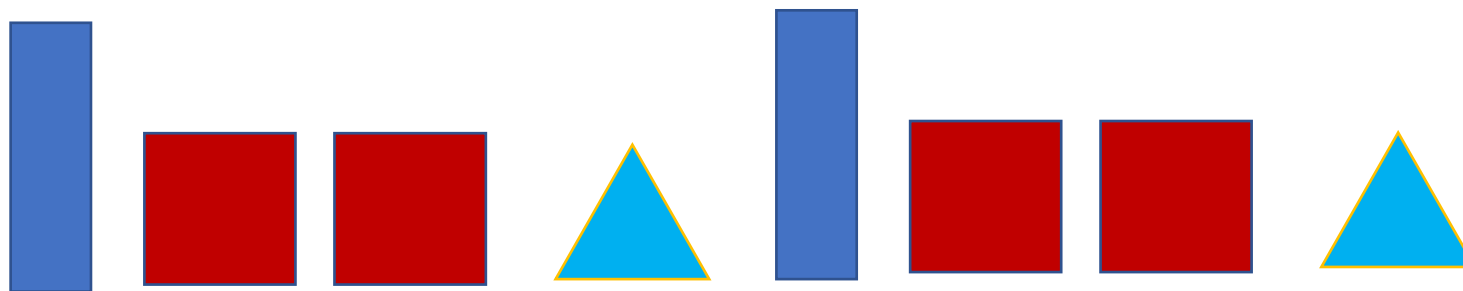
a)



b)



c)



Count and write how many are there;

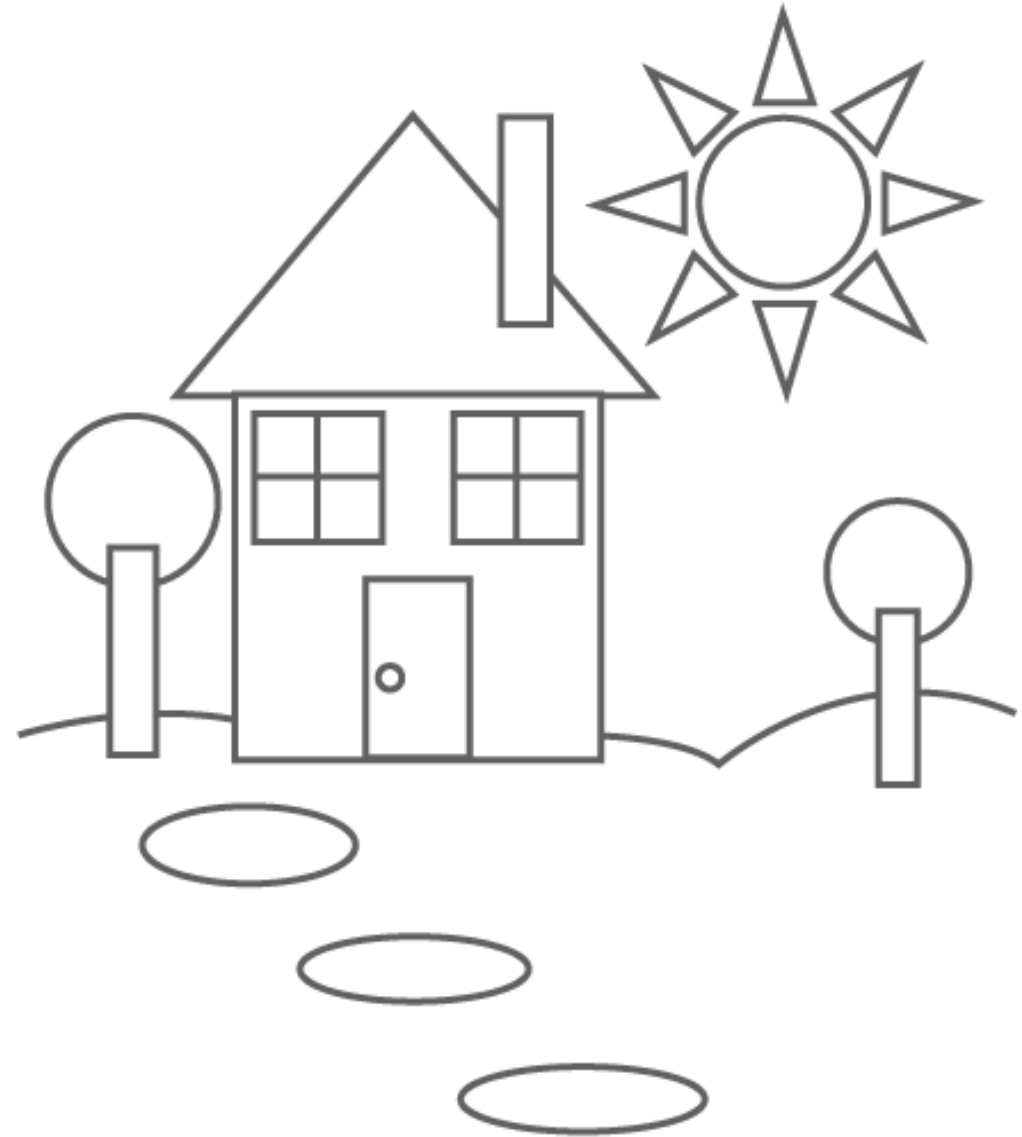
Circle: 4

Square: 9

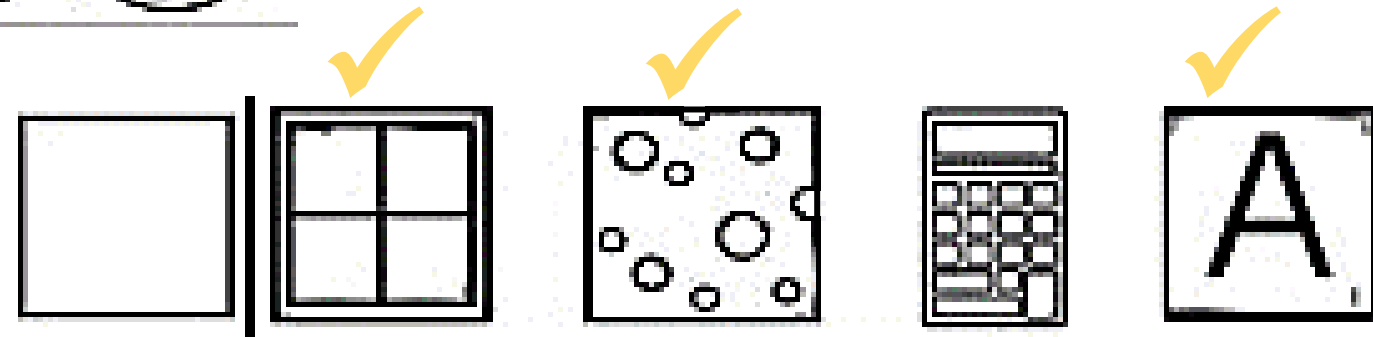
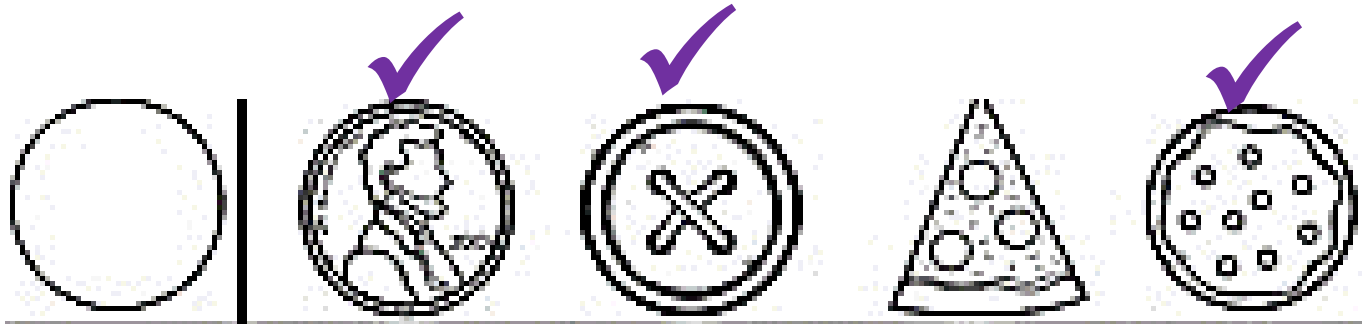
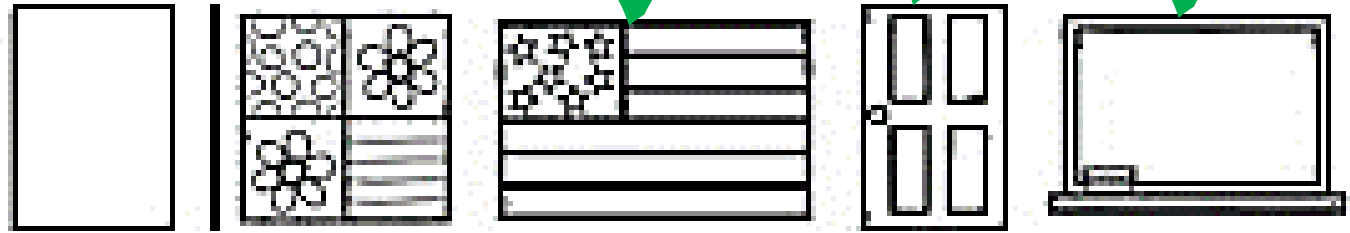
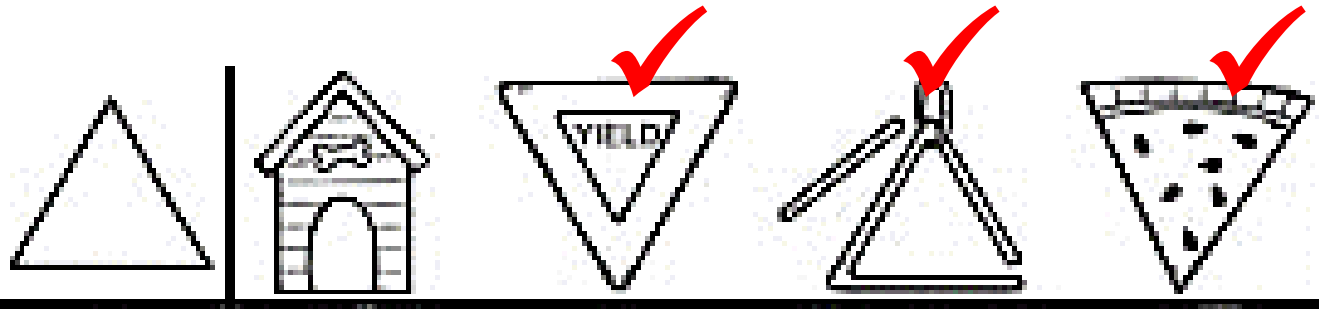
Triangle: 9

Oval: 3


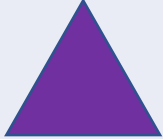


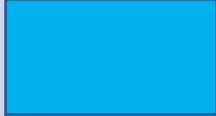
Rectangle: 4



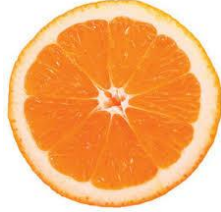
Tick ✓ the objects in which you can see the given shape.



Complete the table.

shape	Name of shape	Number of Sides	Number of Corners
	Circle	zero	zero
	Triangle	3	3
	Square	4	4
	Oval	zero	zero
	Rectangle	4	4

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**

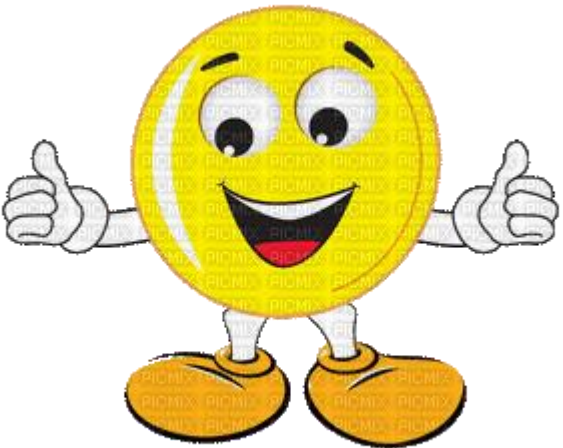


Add 72,7 and 46

T O

1		
7	2	
4	6	8
<hr/>		
	7	15
<hr/>		
1	2	5
<hr/>		

Diagram illustrating the addition of 72,7 and 46. The numbers are aligned by place value (Tens, Ones). The sum is 125. A carry of 1 is shown from the Ones column to the Tens column. The final sum is 125.



Add 94,8 and 5

T O

1

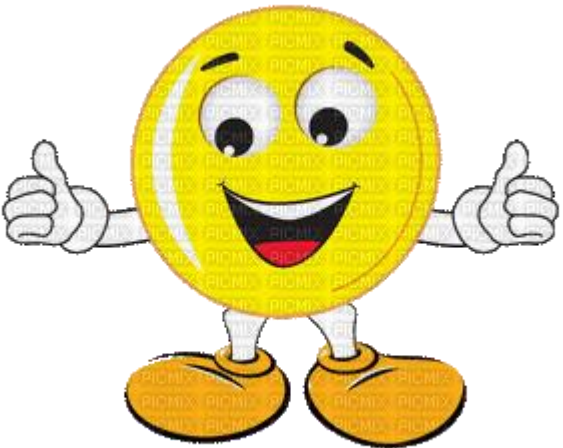
9 4 9

5

+ 8 17

10 7

The diagram illustrates the addition of 94,8 and 5. The result 107 is shown below a horizontal line. A blue arrow points from the 17 to the 7, and another blue arrow points from the 17 to the 1 in the tens place.



Solve the following.

a) Sum of 196 and 53

	H	T	O	
	1	9	6	
+		5	3	
	2	4	9	14

b) Total of 129 and 117

	H	T	O	
	1	2	9	
+	1	1	7	
	2	4	6	TO 16

Solve the following.

c) Plus 145 and 80

	H	T	O	
	1	4	5	
+		8	0	
	2	2	5	12

b) Total of 189 and 109

	H	T	O	
	1	8	9	
+	1	0	9	
	2	9	8	TO 18

Question:

Take away 41 from 250.

Always write
bigger number
first!



—

Hundreds	Tens	Ones
2	⁴ 5	¹ 0
	4	1
2	0	9



$$250 - 41 = 209$$

Question:

Subtract 190 from 221.

Always write
bigger number
first!

	Hundreds	Tens	Ones
	¹ 2	¹ 2	1
–	1	9	0
	0	3	1

$$221 - 190 = 31$$

Question:

183 less than 207.

Always write
bigger number
first!

	Hundreds	Tens	Ones
	1 2	¹ 0	7
–	1	8	3
	0	2	4

$$207 - 183 = 24$$

Question:

Minus 150 and 26.

Always write
bigger number
first!



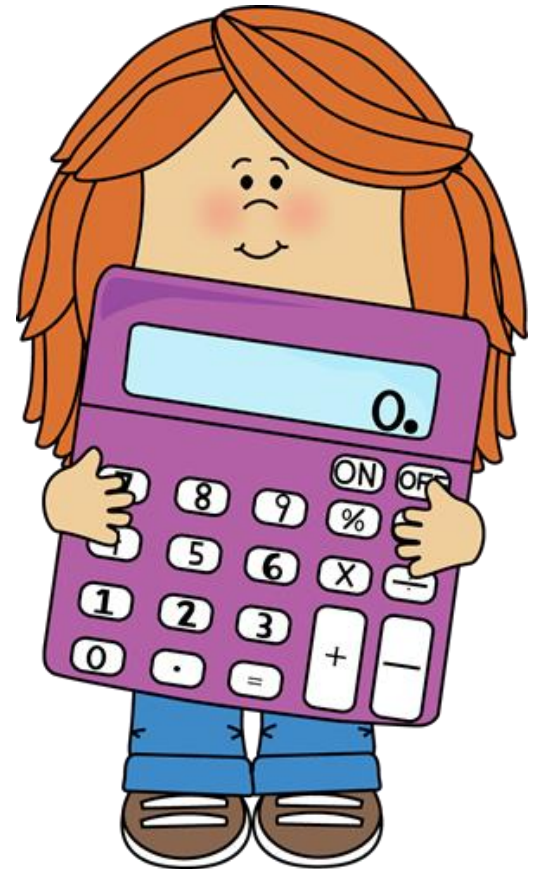
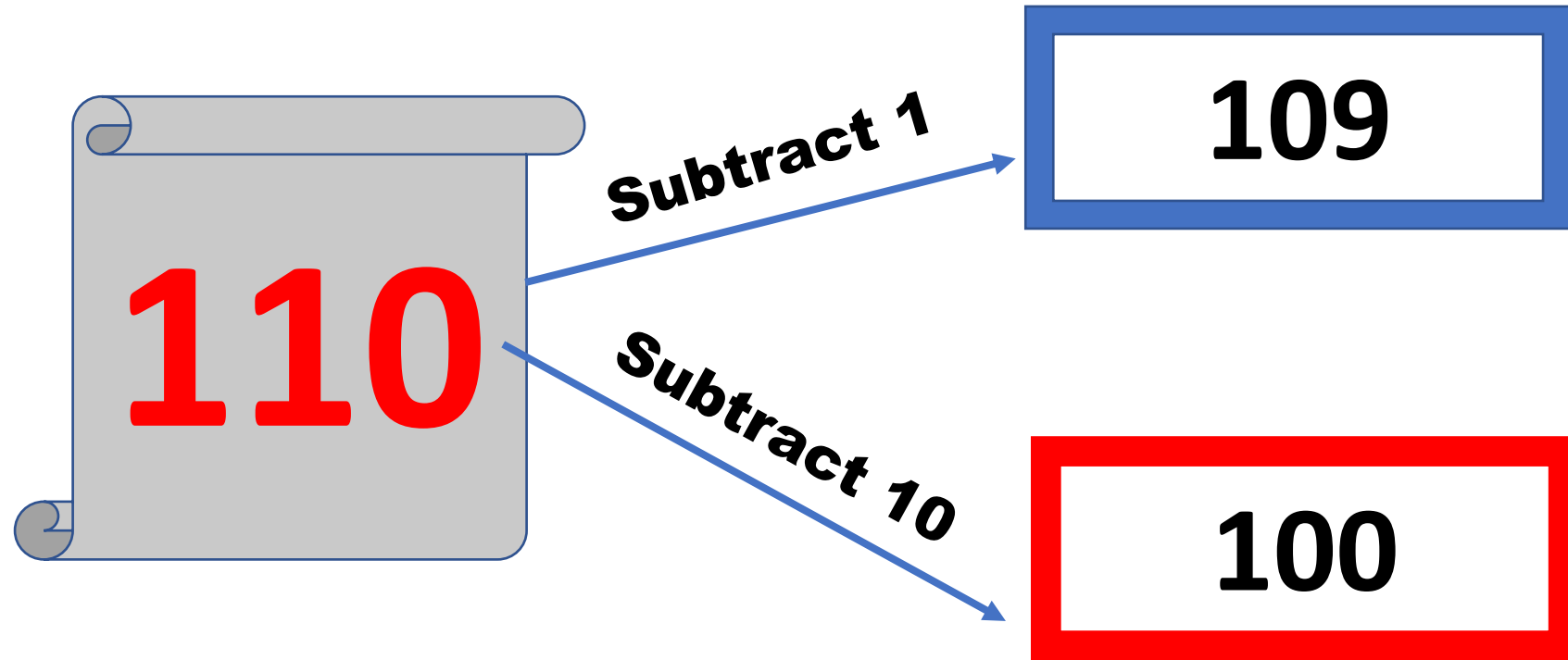
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Hundreds	Tens	Ones
1	⁴ 5	¹ 0
	2	6
1	2	4

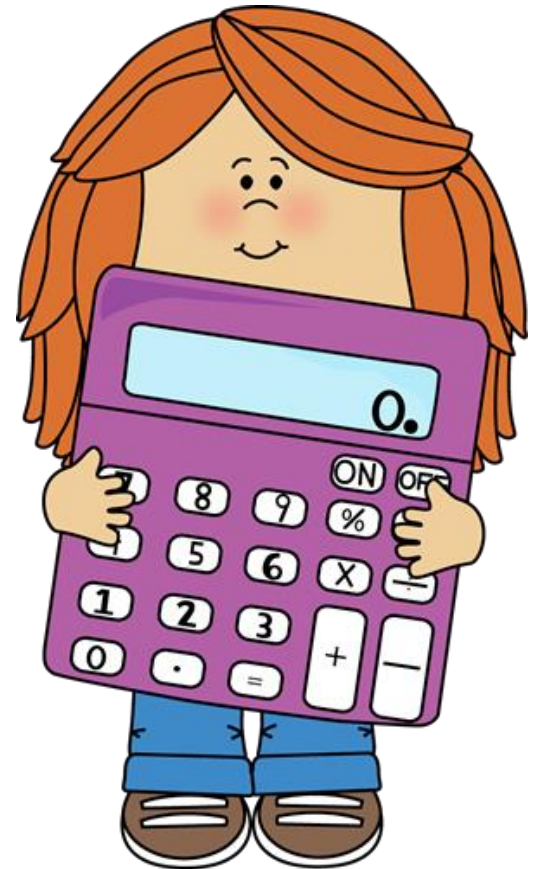
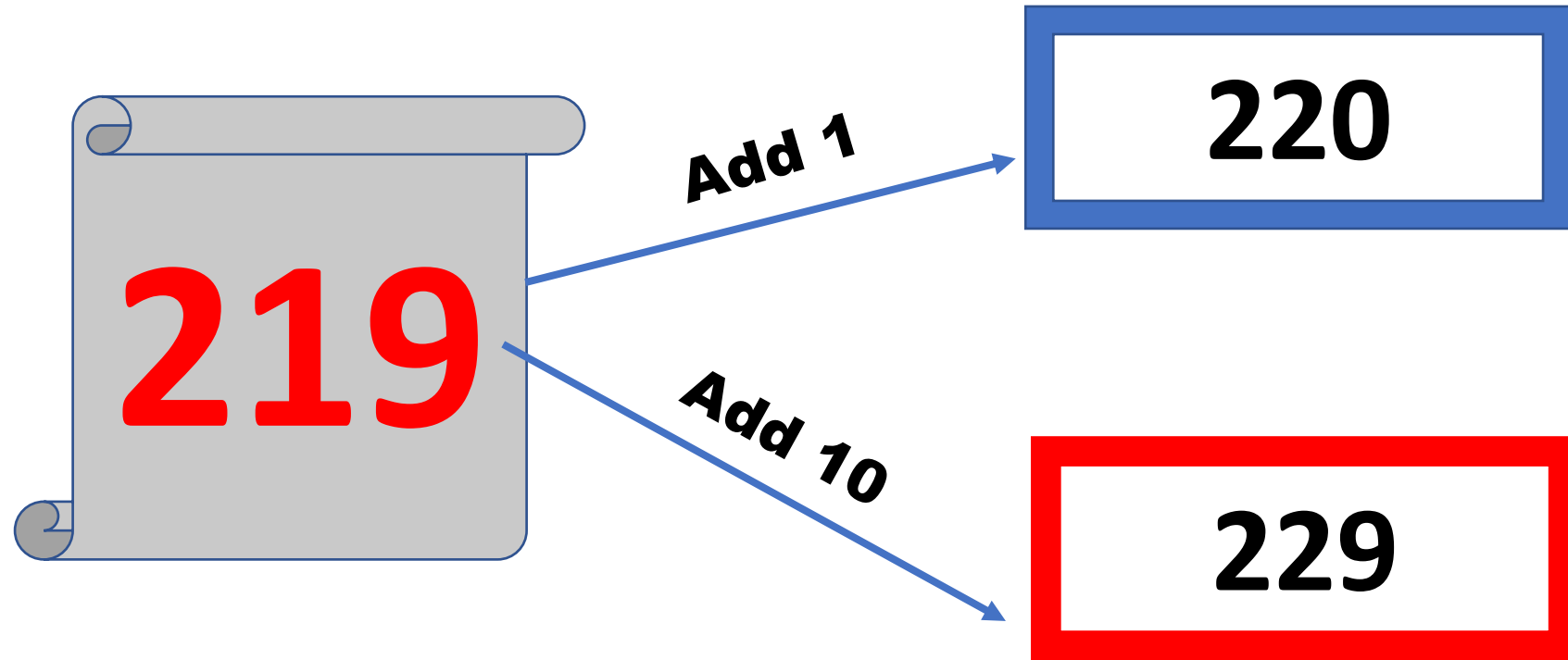


$$150 - 26 = 124$$

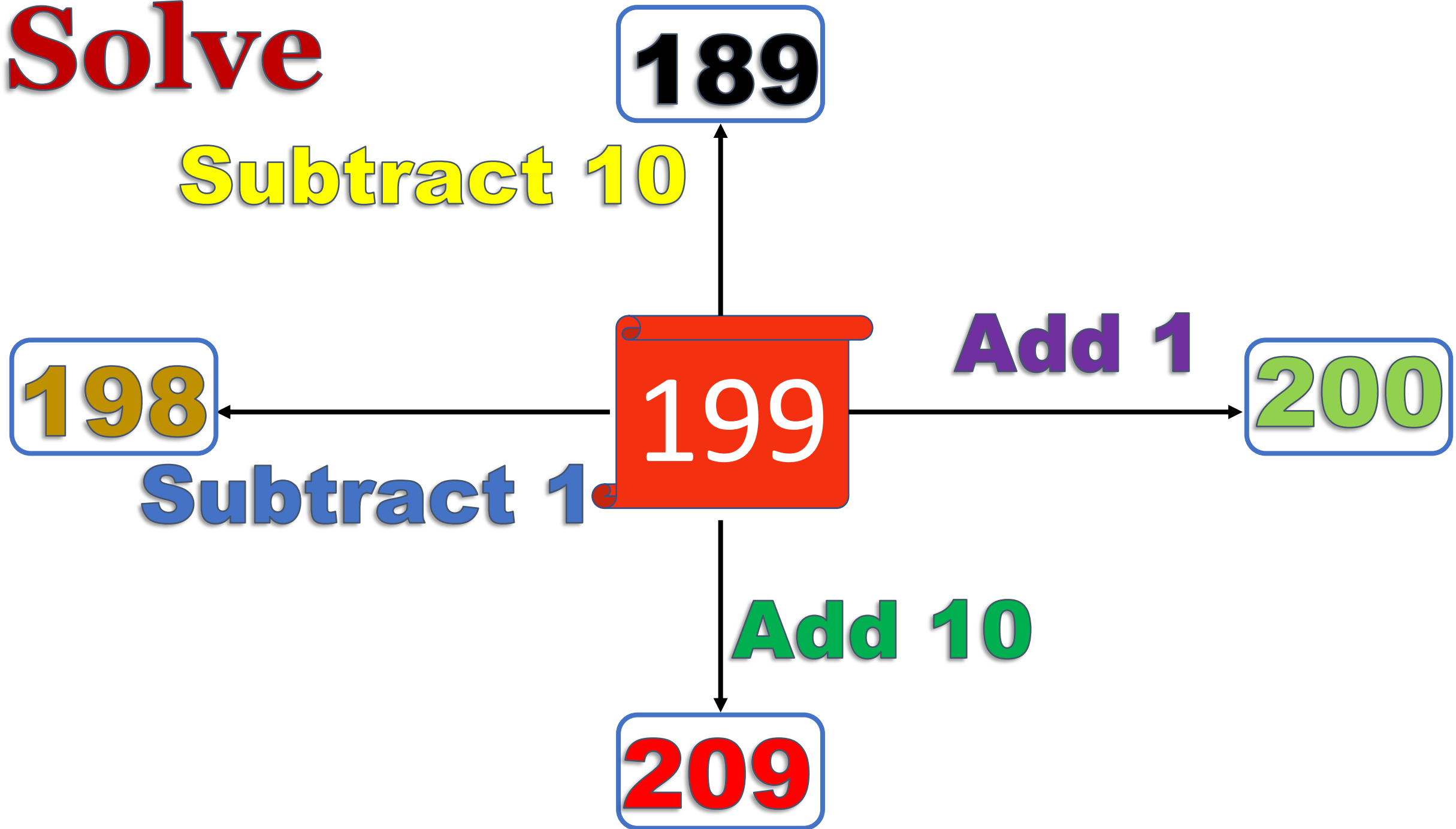
Now, look at this



Now, look at this



Solve



Solve

$$129 - 0 = 129$$

$$189 + 1 = 190$$

$$105 - 9 = 96$$

$$219 + 7 = 226$$