

Team INTERVAL
Foundation
Course

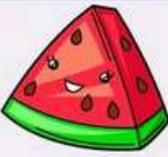
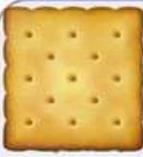
MATHS

Level - Basic



QUESTION BANK
 BASIC
 CAT - 1

1 - Write the first letter of corresponding shape in each item.

 C CIRCLE	 S SQUARE	 T TRIANGLE	 R RECTANGLE
 C	 _	 _	 _
 _	 _	 _	 _
 _	 _	 _	 _
 _	 _	 _	 _

2 - Encircle the things that are Triangle?

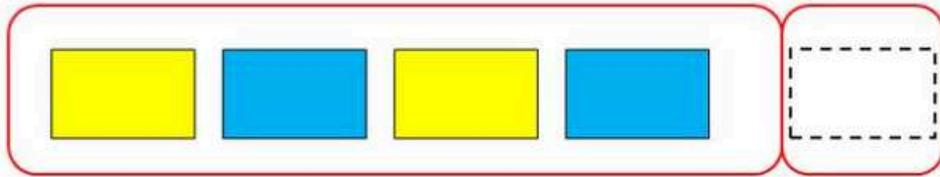
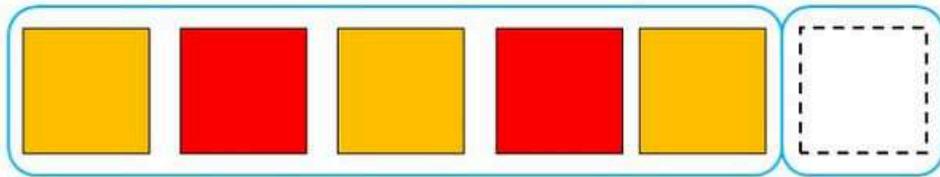
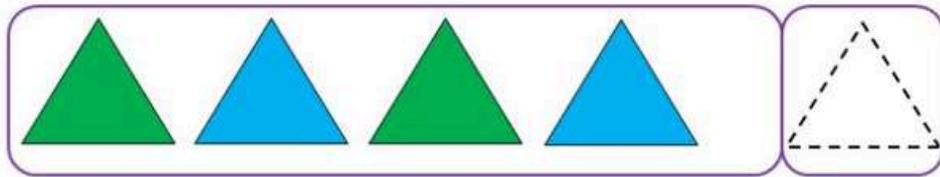
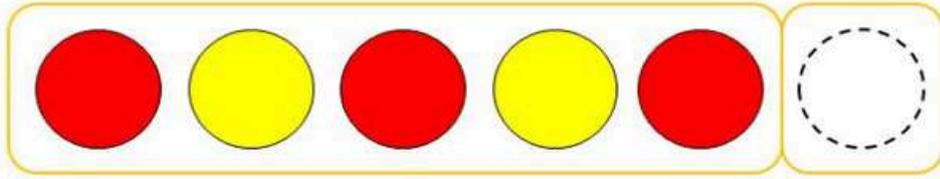


3 - Match the correct shape?

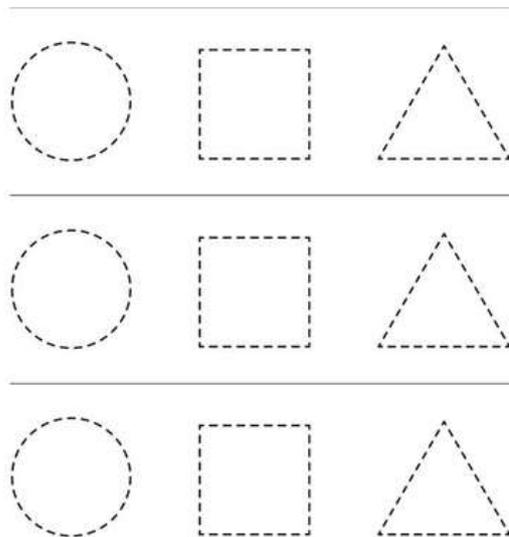
Team INTERVAL
Foundation Course

	•	•	
	•	•	
	•	•	
	•	•	

4 - What comes next?

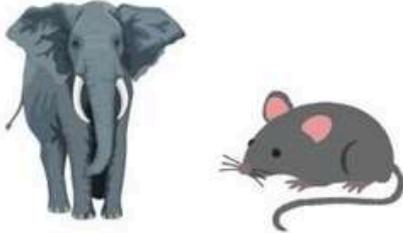
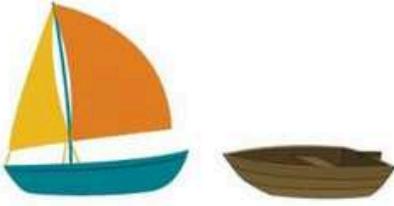


5- Trace the shapes?



6 -

Big or Small?

 <p>Circle the smaller one</p>	 <p>Circle the bigger one</p>
 <p>Circle the smaller one</p>	 <p>Circle the bigger one</p>
 <p>Circle the bigger one</p>	 <p>Circle the smaller one</p>

7 -

Select the picture that is tall.



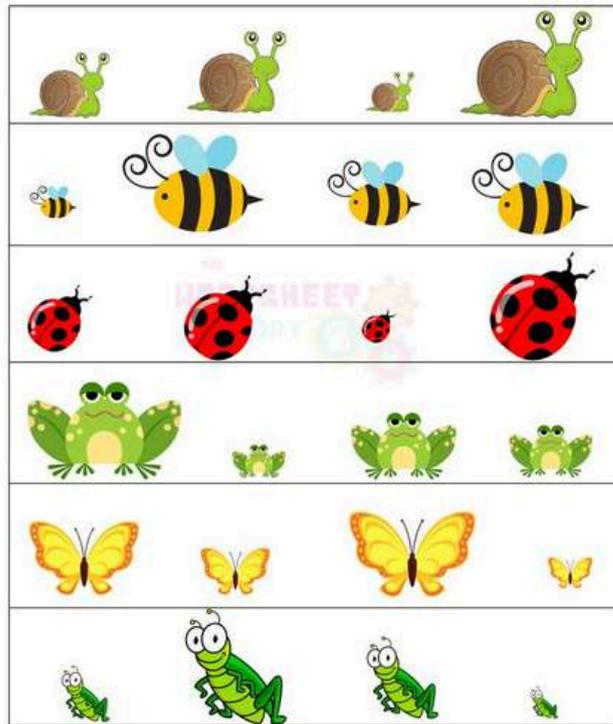
Select the picture that is short.



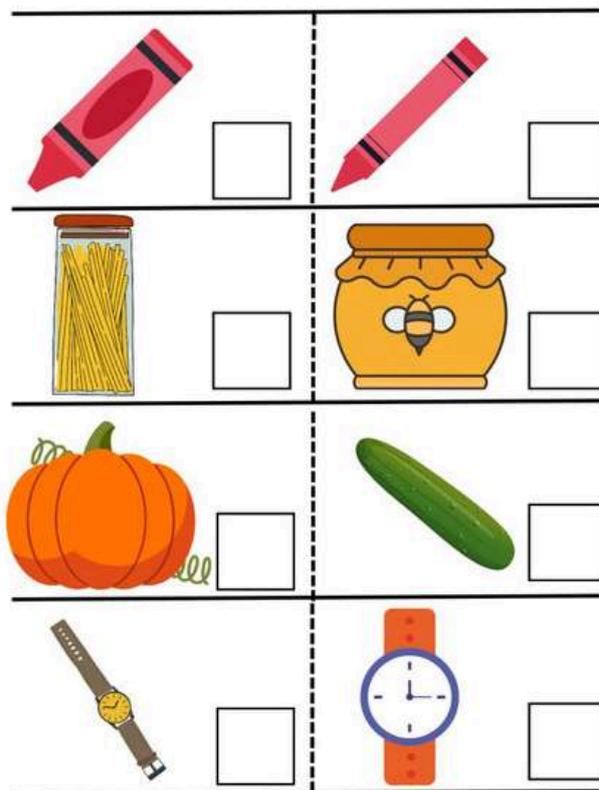
8 - Find out heavy & light in the following?



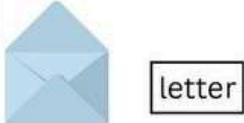
9 - Circle the smallest object in each row?



10 - Tick the object which is **Thin**?



11 - Circle the correct answer?

 <p>Inside Outside</p>	 <p>Inside Outside</p>
 <p>Inside Outside</p>	 <p>Inside Outside</p>
 <p>Inside Outside</p>	 <p>Inside Outside</p>

12 - Fill in the blanks?

The ball is  _____ the box.

 The ball is _____ the box.

The ball is _____ the box. 

 The ball is _____ the boxes.

The ball is _____ the box. 

13 - Match the following?

between	
behind	
in	
on	
next to	
around	
under	
in front of	

14 - Read and Tick the correct preposition?

 <p>The worm is the apple.</p> <p><input type="checkbox"/> in <input type="checkbox"/> on <input type="checkbox"/> out</p>	 <p>The dog is the kennel.</p> <p><input type="checkbox"/> in <input type="checkbox"/> in front of <input type="checkbox"/> on</p>
 <p>The cat is the box.</p> <p><input type="checkbox"/> between <input type="checkbox"/> in front of <input type="checkbox"/> above</p>	 <p>The bear is the beehive.</p> <p><input type="checkbox"/> on <input type="checkbox"/> behind <input type="checkbox"/> near</p>
 <p>The chicks are the hen.</p> <p><input type="checkbox"/> in front of <input type="checkbox"/> behind <input type="checkbox"/> above</p>	 <p>The dog is the kennel.</p> <p><input type="checkbox"/> above <input type="checkbox"/> in front of <input type="checkbox"/> behind</p>

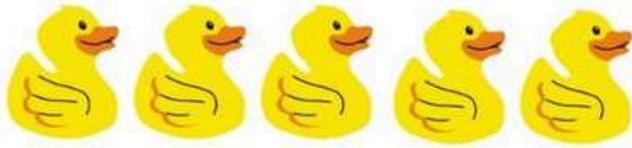
15 - Circle the correct answer?

4	One	Nine	Four
2	Two	Six	Ten
5	Three	Five	Two
9	Nine	Seven	One
6	Ten	Eight	Six
8	Four	Eight	One
1	One	Seven	Eight
3	Ten	Seven	Three

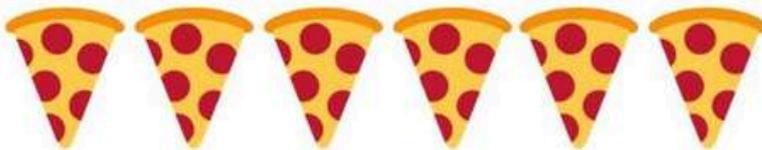
16 - Write out the numbers?

Seven	<input type="text"/>	Nine	<input type="text"/>
Ten	<input type="text"/>	Eight	<input type="text"/>
Six	<input type="text"/>	Three	<input type="text"/>
Four	<input type="text"/>	One	<input type="text"/>

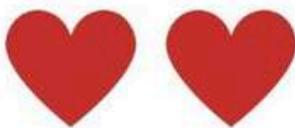
17 - Count the item and write the number in the box.



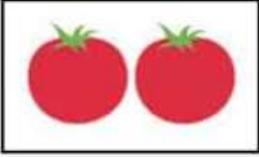
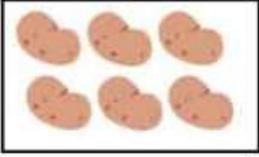




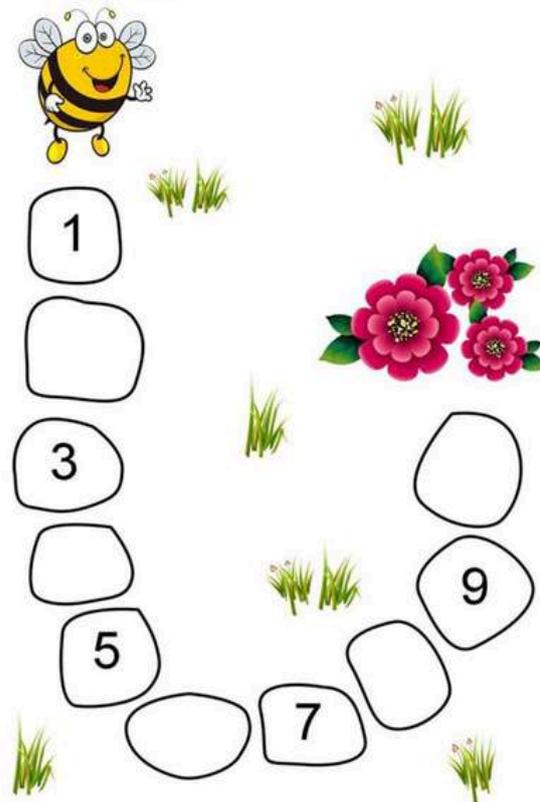




18 - Count and Match?

	•	•	<input type="text" value="8"/>
	•	•	<input type="text" value="6"/>
	•	•	<input type="text" value="3"/>
	•	•	<input type="text" value="2"/>
	•	•	<input type="text" value="10"/>

19 - Fill in the missing numbers?



20 - Write the middle number?

$$\textcircled{1} \textcircled{\quad} \textcircled{3}$$

$$\textcircled{4} \textcircled{\quad} \textcircled{6}$$

$$\textcircled{5} \textcircled{\quad} \textcircled{7}$$

$$\textcircled{3} \textcircled{\quad} \textcircled{5}$$

$$\textcircled{8} \textcircled{\quad} \textcircled{10}$$

$$\textcircled{6} \textcircled{\quad} \textcircled{8}$$

21 - Draw shapes around the numbers according to the given rule?



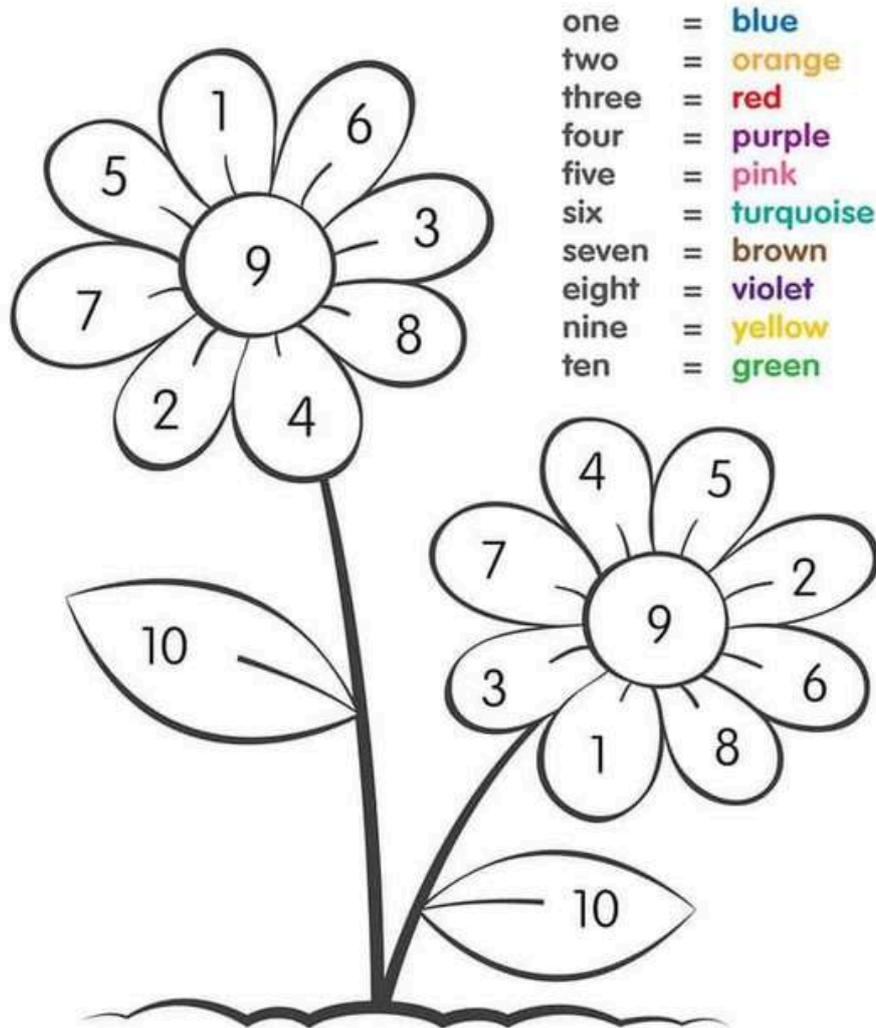
3 1 2 3

1 2 3 1

2 3 1 2

3 1 2 2

22 - Color the pictures by using the number key below.



23 - Match the following

1

five

5

three

3

two

4

one

2

four

24 - Write the correct number in word?

1 N E O

6 I S X

2 O W T

7 S V E N E

3 T E H E R

8 H I E T G

4 U R F O

9 E N N I

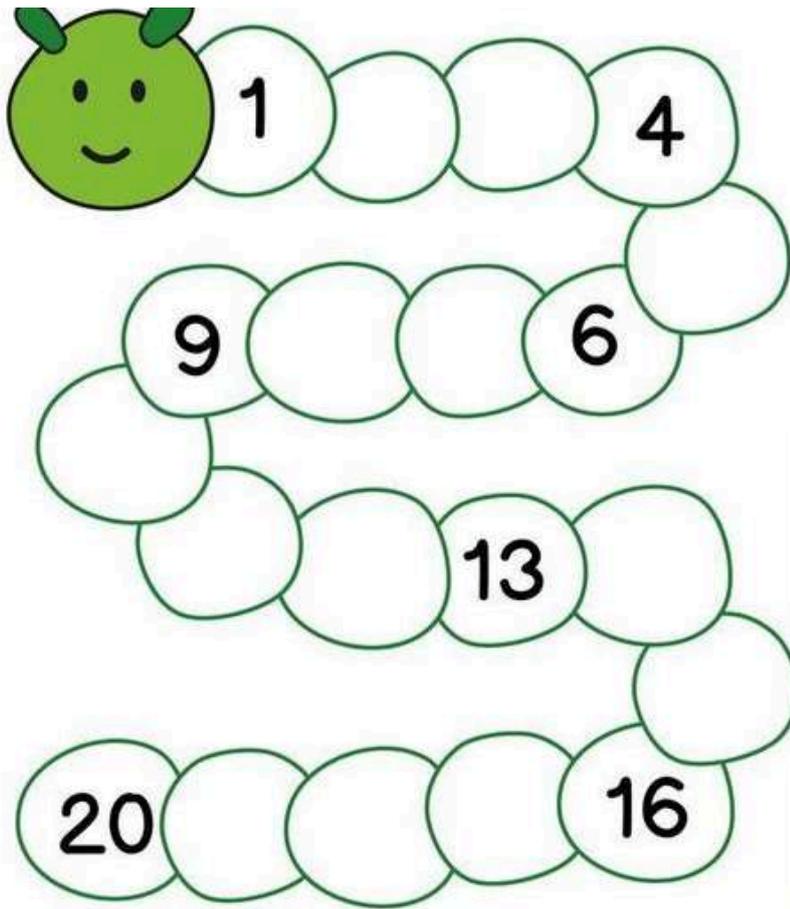
5 V E F I

10 T N E

25 - Count and tick the correct option?

<table border="1"> <tr> <td>14</td> <td>16</td> <td>12</td> </tr> </table>	14	16	12	<table border="1"> <tr> <td>16</td> <td>18</td> <td>20</td> </tr> </table>	16	18	20	<table border="1"> <tr> <td>20</td> <td>18</td> <td>19</td> </tr> </table>	20	18	19
14	16	12									
16	18	20									
20	18	19									
<table border="1"> <tr> <td>13</td> <td>11</td> <td>15</td> </tr> </table>	13	11	15	<table border="1"> <tr> <td>8</td> <td>10</td> <td>6</td> </tr> </table>	8	10	6	<table border="1"> <tr> <td>9</td> <td>12</td> <td>8</td> </tr> </table>	9	12	8
13	11	15									
8	10	6									
9	12	8									
<table border="1"> <tr> <td>4</td> <td>7</td> <td>5</td> </tr> </table>	4	7	5	<table border="1"> <tr> <td>12</td> <td>16</td> <td>18</td> </tr> </table>	12	16	18	<table border="1"> <tr> <td>20</td> <td>17</td> <td>15</td> </tr> </table>	20	17	15
4	7	5									
12	16	18									
20	17	15									

25 - Fill in the missing numbers?



26 - Write the names of following numbers?

9	13	4	11	20
<input type="text"/>				
1	10	12	7	2
<input type="text"/>				
14	18	6	17	8
<input type="text"/>				
3	15	19	5	16
<input type="text"/>				

27 - Answer the given questions?

1 - What number comes after 13?

.....

2 - What number comes before 17?

.....

3 - Count from 11 to 20 aloud.

.....

4 - Which number is greater: 15 or 19?

.....

5 - How many numbers are there from 11 to 20?

.....

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MATHS

Level - Intermediate



1 - Answer the following questions

a) How many sides does a triangle have?

.....

b) How many sides does a square have?

.....

c) How many sides does a rectangle have?

.....

d) Which shape has no sides?

.....

e) Name the shape that has three corners

.....

f) Which shape has four equal sides?

.....

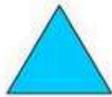
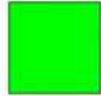
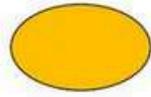
g) Which shape looks like a ball and has no sides?

.....

h) Draw a shape with 4 sides. What is its name?

.....

2 - Match the shapes with correct sentences?



The circle is pink.

The heart is black.

The oval is orange.

The triangle is blue.

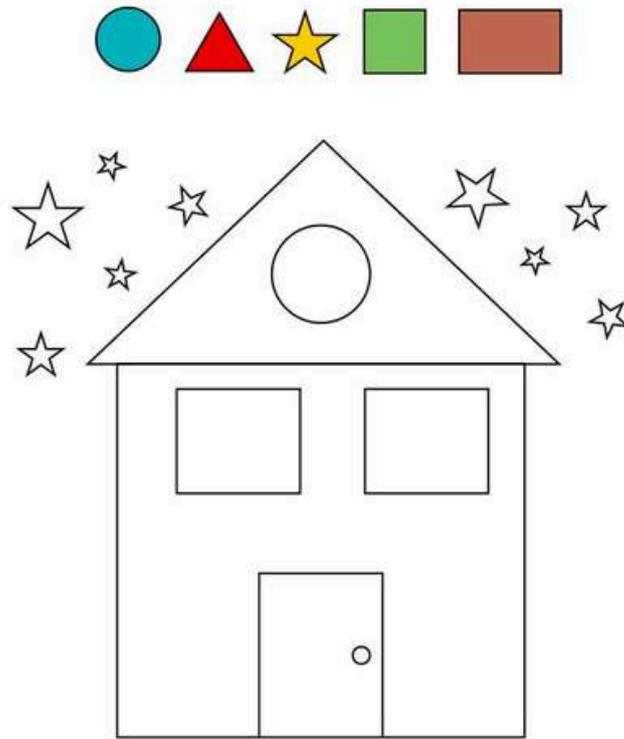
The moon is yellow.

The square is green.

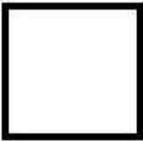
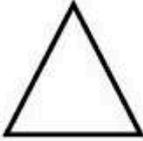
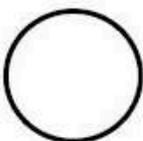
The star is purple.

The rectangle is red.

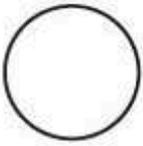
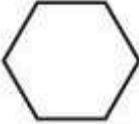
3 - Color the house using the color of shapes?



4 - Write the properties of these 2D shapes?

2D shape	Number of sides	Number of corners
		
		
		
		

5 - One picture in the group has the shape of key .
Circle it?

<p>Key</p> 	  
<p>Key</p> 	  
<p>Key</p> 	  
<p>Key</p> 	  

6 - Answer The Following Questions?

a) What number comes after 7?

.....

b) What number comes before 20?

.....

c) What number comes between 14 and 16?

.....

d) Write the number name for 25?

.....

e) Write the numeral for forty-two.

.....

f) Which number is bigger: 36 or 29?

.....

g) Which number is smaller: 18 or 22?

.....

h) Write all the numbers from 1 to 50?

.....

7- Write the number in words?

1 <input type="text"/>	6 <input type="text"/>
2 <input type="text"/>	7 <input type="text"/>
3 <input type="text"/>	8 <input type="text"/>
4 <input type="text"/>	9 <input type="text"/>
5 <input type="text"/>	10 <input type="text"/>

8 - Write the number name for 12.

.....

9 - Write the numeral for thirty-seven

.....

10 - Fill in the blanks:

a) 28 = Twenty-__

b) 49 = __-nine

11 - Write any 5 numbers between 30 and 50 and their names ?

12 - Fill in the missing numbers?

12	11		
		17	
10			
		15	17
	7		16

13 - Arrange numbers in ascending order?

a) 4, 2, 5, 1

.....

b) 9, 7, 8, 6

.....

c) 15, 12, 18, 10

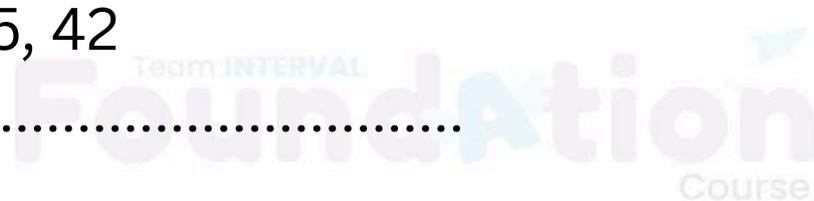
.....

d) 30, 25, 20, 35

.....

e) 41, 39, 45, 42

.....



14 - Write the numbers from smallest to largest?

25, 10, 50, 35

.....

15 - Riya has 4, 9, 6, and 8 balloons. Arrange the numbers of balloons in ascending order?

.....

16 - Arrange 14, 19, 11, 16 in ascending order?

.....

17 - Arrange the numbers in descending order?

a) 8, 2, 5, 9

.....

b) 30, 25, 40, 35

.....

c) 45, 42, 48, 41

.....

d) 12, 18, 14, 16

.....

e) 50, 10, 20, 40

.....



18 -Write the numbers from biggest to smallest:
12, 9, 17, 5

.....

19 - There are 35, 20, 40, and 25 books on different shelves. Arrange the numbers in descending order.

.....

20 - Arrange 48, 44, 49, 42 in descending order.

.....

21 - Fill in the blanks:

- a) Ascending order means going from ___ to ___.
- b) Descending order means going from ___ to ___.

22 - Write any 5 numbers between 1 and 50 and arrange them in ascending and descending order.

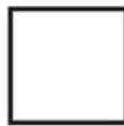
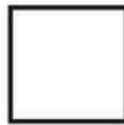
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23 - Answer the following questions.

- a) Ravi has 12 apples, and Rani has 15 apples. Who has more apples?
- b) A box contains 18 pencils, and another box contains 13 pencils. Which box has fewer pencils?
- c) A train has 40 passengers, and a bus has 35 passengers. Which vehicle has more passengers?
- d) There are 28 red balls and 28 blue balls. Are they equal in number

e) Sunita read 10 pages in the morning and 15 pages in the evening. Did she read more in the morning or evening?

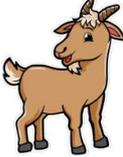
24 - Compare two groups of objects. Write $<$, $>$ or $=$ inside the box.



25 - Write 1 st ,2 nd, 3 rd , 4th and 5 th under the correct pictures. Then fill in the blanks sentences below.



.....

- 1 - The  is in the place.
- 2 - The  is in the place.
- 3 - The  is in the place.
- 4 - The  is in the place.
- 5 - The  is in the place.

26 - Match the following.

14	Fifteen
15	Eleven
13	Fourteen
11	Twelve
12	Sixteen
18	Thirteen
17	Nineteen
20	Eighteen
19	Seventeen
16	Eighteen

23 - Use the number line to solve: $2 + 5 = ?$

24 - Show $9 - 3$ on a number line?

25 - Solve it?

$1 + 0 = \square$

$8 + 2 = \square$

$2 + 1 = \square$

$4 + 4 = \square$

$4 + 6 = \square$

$7 + 0 = \square$

$3 + 2 = \square$

$9 + 1 = \square$

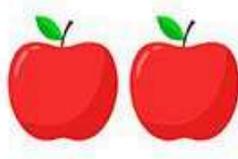
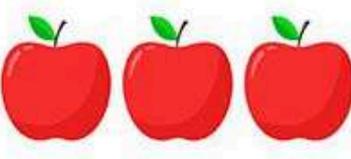
$7 + 1 = \square$

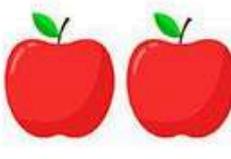
$2 + 5 = \square$

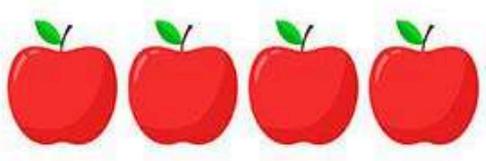
$5 + 4 = \square$

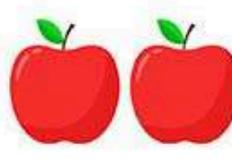
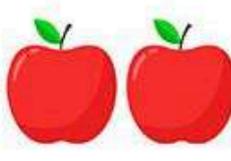
$6 + 2 = \square$

26 - Add the items in each row?

 +  =

 +  =

 +  =

 +  =

27 - Match the following?

2+1

2+2

3+1

1+6

2+4

5+2

3+5

4

3

6

8

7

4

7

28 - Fill in the missing numbers?

$$9 - \square = 6$$

$$5 - \square = 4$$

$$8 - \square = 6$$

$$5 - \square = 0$$

$$7 - \square = 1$$

$$7 - \square = 5$$

$$2 - \square = 1$$

29 - Add or Subtract?

$5 \square 5 = 10$

$6 \square 2 = 4$

$9 \square 5 = 14$

$4 \square 2 = 6$

$7 \square 2 = 9$

$8 \square 2 = 10$

$2 \square 7 = 9$

$2 \square 8 = 6$

$4 \square 2 = 2$

$9 \square 2 = 11$

$7 \square 1 = 6$

$6 \square 2 = 8$

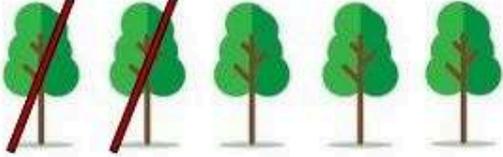
$9 \square 2 = 11$

$3 \square 9 = 12$

$5 \square 2 = 7$

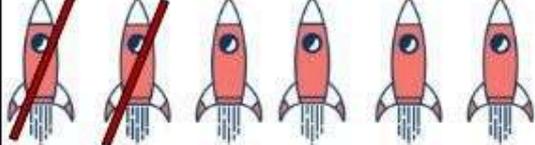
$2 \square 8 = 6$

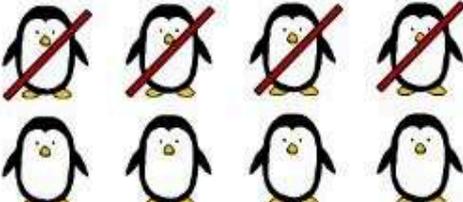
30 - Count and subtract the items?

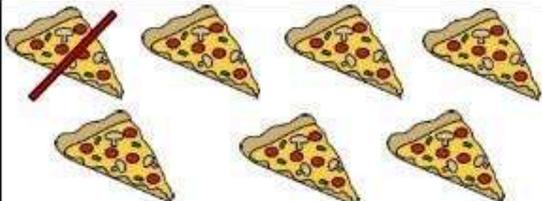
	$\underline{5} - \underline{2} = \underline{3}$
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www.pinterest.com/revitachandra

	$\underline{\quad} - \underline{\quad} = \underline{\quad}$
---	---

	$\underline{\quad} - \underline{\quad} = \underline{\quad}$
---	---

	$\underline{\quad} - \underline{\quad} = \underline{\quad}$
---	---

	$\underline{\quad} - \underline{\quad} = \underline{\quad}$
---	---

	$\underline{\quad} - \underline{\quad} = \underline{\quad}$
---	---

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MATHS

Level - Advance



1 - write the number?

$$\text{Nine} + \text{two} =$$

$$\text{Eight} + \text{seven} =$$

$$\text{Seven} + \text{six} =$$

$$\text{Fourteen} + \text{five} =$$

$$\text{Four} + \text{ten} =$$

$$\text{Nine} + \text{three} =$$

$$\text{Eleven} + \text{five} =$$

$$\text{Sixteen} + \text{two} =$$

$$\text{Nine} + \text{eight} =$$

2 - color the correct number of spelling?

- | | | | |
|---|-------|-------|-------|
| 1 | Eon | One | Noe |
| 2 | Wot | Otw | Two |
| 3 | Three | Theer | Reeth |
| 4 | Fuor | Four | Frou |
| 5 | Five | Fevi | Fvie |
| 6 | Sxi | Xis | Six |
| 7 | Seven | Sveen | Snvee |

3 - Circle the smaller number?

3 2 1 5 4

16 12 14 15 19

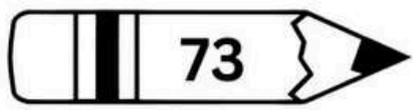
28 29 26 23 25

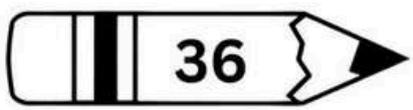
42 56 64 88 91

89 67 34 23 11

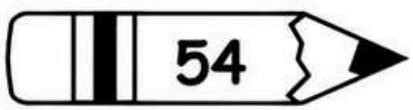
43 25 67 58 48

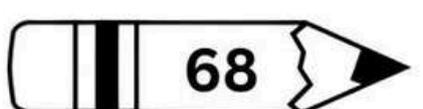
3 - Write each number in expanded form.

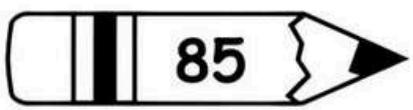
 = +

 = +

 = +

 = +

 = +

 = +



4 - Identify the place value?

a) What is the place value of 5 in 254?

.....

b) What is the place value of 3 in 132?

.....

c) What is the place value of 8 in 489?

.....

5 -

a) Write 345 in expanded form.

.....

b) Write 208 in expanded form.

.....

c) Write 620 in expanded form

.....

6 - Answer the following questions?

a) In the number 672, what happens if you replace the 7 with 0?

.....

b) Which digit is in the tens place of 543?

.....

c) Which number has 8 tens and 2 ones?

.....

d) Write a number that has 6 hundreds, 0 tens, and 4 ones.

.....

7 - Calculate it?

$12+24=$

$25+14=$

$22+12=$

$12+23=$

$21+29=$

$24+14=$

$12+33=$

$13+24=$

8 - Fill in the missing numbers?

a) $4_ + 25 = 69$

b) $35 + _ = 88$

c) $_ + 29 = 75$

d) $46 + _ = 90$

e) $5_ + 32 = 87$

9 - word problems?

- a) Riya has 24 apples. Her friend gives her 35 more. How many apples does Riya have now?
- b) There are 47 students in Class A and 36 students in Class B. How many students are there in total?
- c) A shopkeeper sold 28 pencils on Monday and 43 pencils on Tuesday. How many pencils did he sell in two days?
- d) A bus carried 38 passengers in the morning and 27 in the evening. How many passengers altogether?
- e) There were 49 mangoes in one basket and 34 in another. How many mangoes in total?

10 - Solve it?

$7 - 1 =$

$7 - 2 =$

$7 - 3 =$

$7 - 4 =$

$7 - 5 =$

$7 - 6 =$

$7 - 7 =$

3

6

1

0

2

5

4

11 - solve the following?

$$\text{a) } 45 - 23 = \underline{\quad}$$

$$\text{b) } 78 - 34 = \underline{\quad}$$

$$\text{c) } 56 - 19 = \underline{\quad}$$

$$\text{d) } 91 - 47 = \underline{\quad}$$

$$\text{e) } 64 - 28 = \underline{\quad}$$

$$\text{f) } 83 - 55 = \underline{\quad}$$

$$\text{g) } 70 - 36 = \underline{\quad}$$

12 - Fill in the missing numbers?

a) $\underline{\quad} - 23 = 45$

b) $78 - \underline{\quad} = 44$

c) $56 - \underline{\quad} = 28$

d) $\underline{\quad} - 47 = 44$

e) $64 - \underline{\quad} = 36$

f) $\underline{\quad} - 55 = 28$

g) $70 - \underline{\quad} = 34$

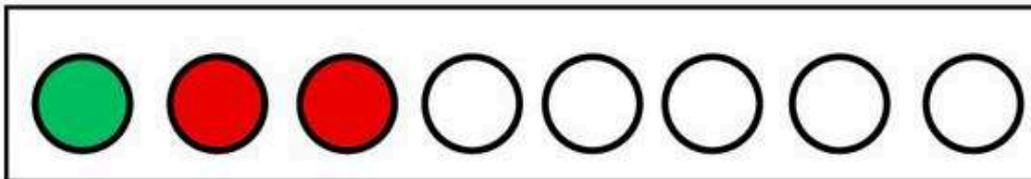
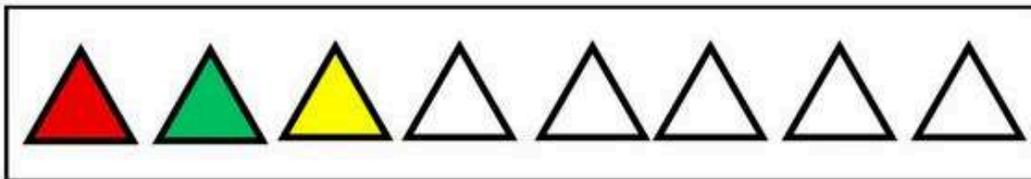
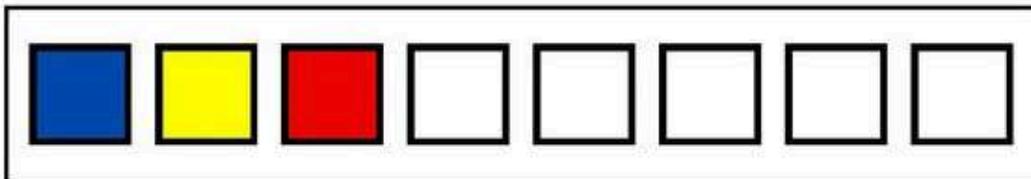
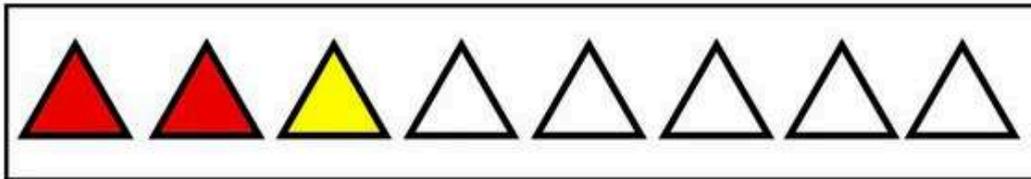
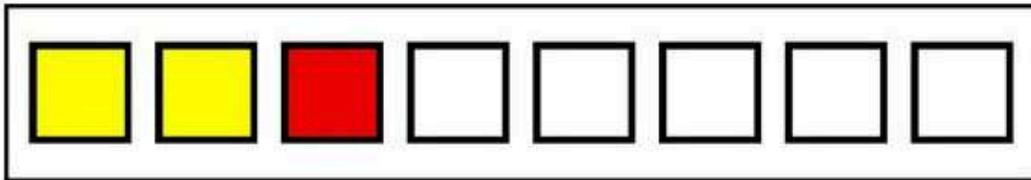
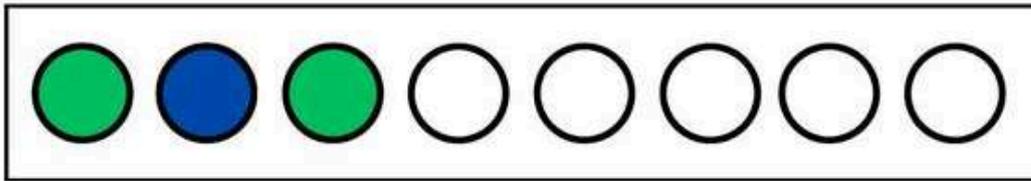
13 - Word problems?

- a) A shop had 85 candies. 37 candies were sold. How many candies are left?
- b) Ramesh had 72 pencils. He gave 29 pencils to his friend. How many pencils does he have now?
- c) A library had 94 books. 46 books were borrowed. How many books remain in the library?
- d) There were 68 students in a school trip. 29 students went home early. How many students stayed?
- e) A farmer had 57 apples. He sold 28 apples. How many apples are left?

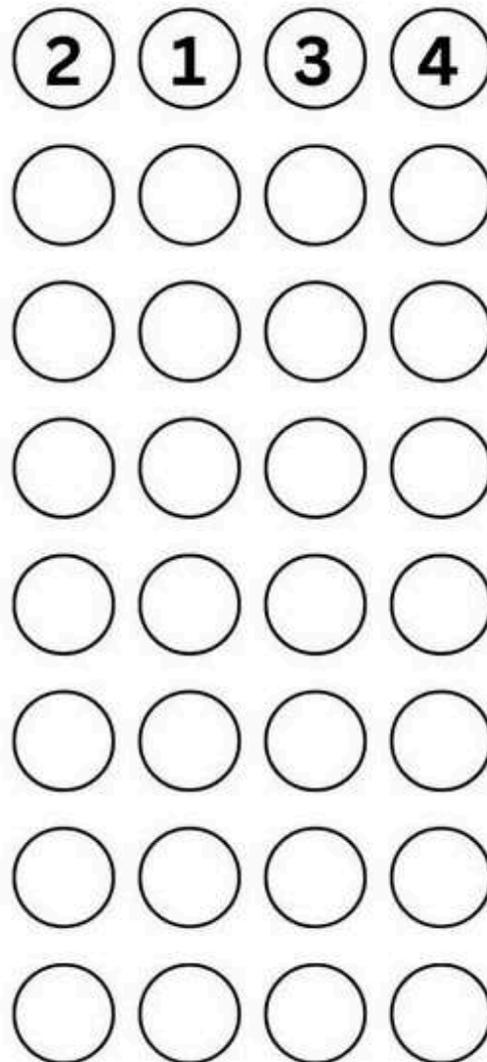
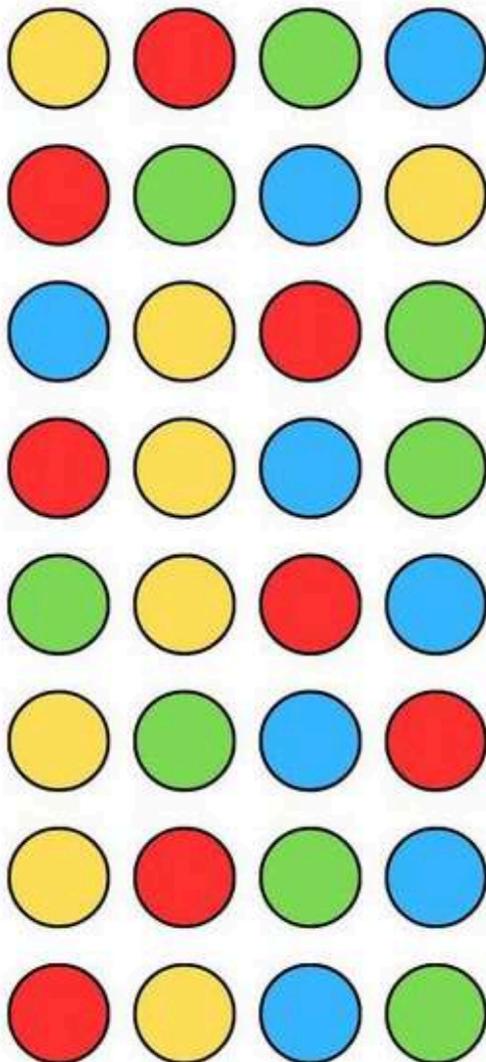
14 - Word problems

- a) Riya has 36 marbles. Her friend gives her 28 more. How many marbles does she have now?
- b) A basket has 74 apples. 38 are sold. How many are left?
- c) A shopkeeper sold 46 pencils on Monday and 39 on Tuesday. How many pencils did he sell in total?
- d) There are 85 students in a school. 37 students went on a trip. How many are still in school?
- e) A farmer has 45 hens and buys 27 more. How many hens does he have now?

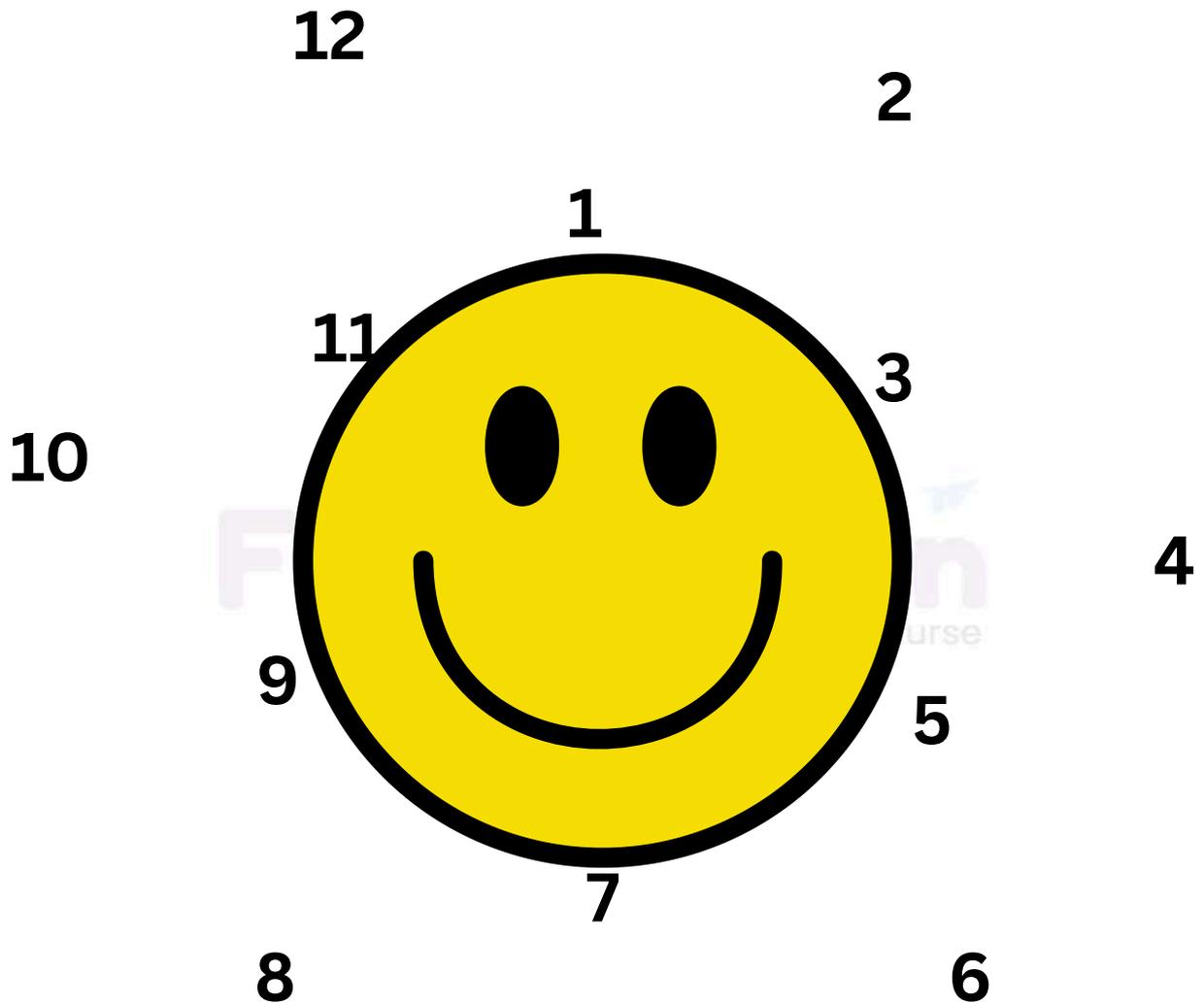
15 - Finish the pattern



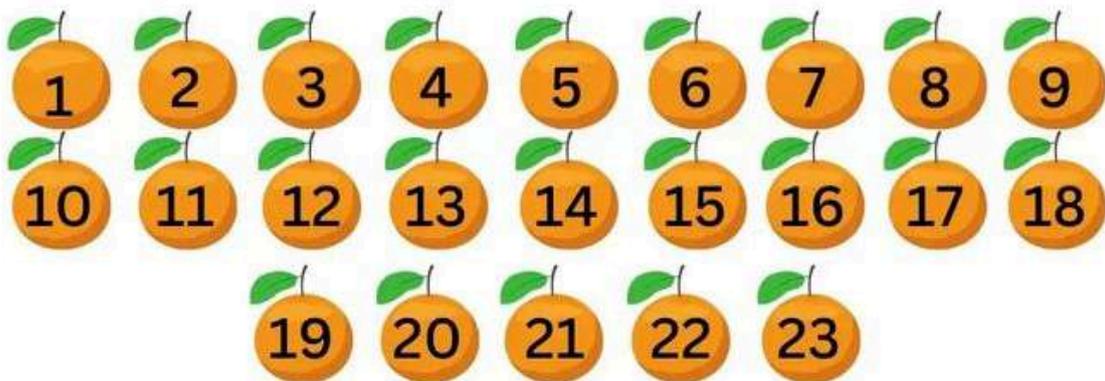
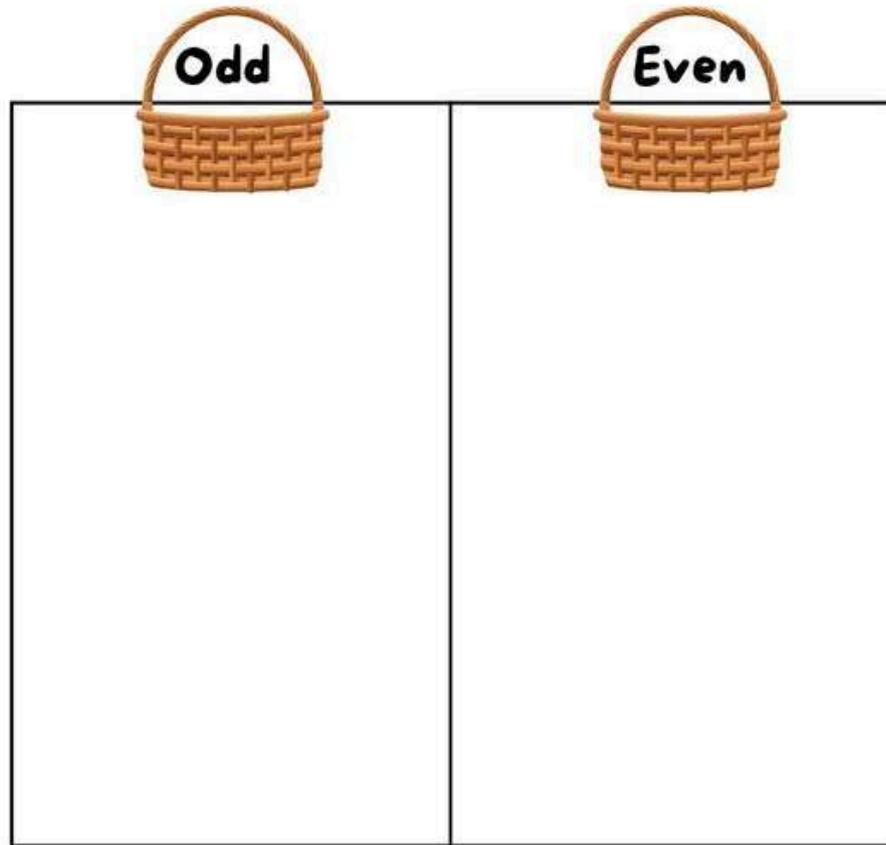
16 - Code the numbers with corresponding colours?



17 - Join the numbers in order?



18 - Write the numbers in the oranges to the correct column?



19 - Add Tens & Ones?

$$40 + \boxed{} = \boxed{48}$$

$$\boxed{} + \boxed{3} = \boxed{13}$$

$$90 + \boxed{6} = \boxed{}$$

$$50 + \boxed{} = \boxed{60}$$

$$\boxed{} + \boxed{17} = \boxed{35}$$

$$32 + \boxed{} = \boxed{45}$$

$$65 + \boxed{43} = \boxed{}$$

20 - Write the numbers in descending order?

18	5	13
----	---	----

25	15	1
----	----	---

71	17	8
----	----	---

3	5	9
---	---	---

19	25	15
----	----	----

8	28	38
---	----	----

61	36	19
----	----	----

18	13	5
----	----	---

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21 - Write all odd numbers between 20 and 30?.

22 - Fill in the blanks?

a) 12 is an _____ number.

b) 39 is an _____ number.

c) The number that comes before 27 is _____
(odd/even).

d) The number that comes after 44 is _____
(odd/even).

e) The sum of two even numbers is always _____.

f) The sum of two odd numbers is always _____.

23 - Tick (✓) the Correct Answer

1 - Which of the following is an even number?

a) 17 b) 24 c) 31 d) 53

2 - Which of the following is an odd number?

a) 12 b) 44 c) 29 d) 56

3 - What is the next odd number after 47?

a) 48 b) 49 c) 50 d) 51

4 - What is the next even number after 62?

a) 63 b) 64 c) 65 d) 61

24 - Word problems

a) There are 26 students in a class. Is 26 an odd or even number?

b) Raju has 47 marbles. He wants to divide them equally between two friends. Will he be able to divide them equally? Why?

c) A bus has 32 seats. Are the total seats odd or even?

d) Neha counted 55 apples in two baskets. Is the total number of apples odd or even?

25 - Add or Subtract?

$5 \square 5 = 10$

$6 \square 2 = 4$

$9 \square 5 = 14$

$4 \square 2 = 6$

$7 \square 2 = 9$

$8 \square 2 = 10$

$2 \square 7 = 9$

$2 \square 8 = 6$

$4 \square 2 = 2$

$9 \square 2 = 11$

$7 \square 1 = 6$

$6 \square 2 = 8$

$9 \square 2 = 11$

$3 \square 9 = 12$

$5 \square 2 = 7$

$2 \square 8 = 6$