

### Vaaga kids.com

# Numeracy book -2



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#### ACKNOWLEDGEMENT

This book is dedicated to my late mother Mrs. Parvathy to whom I owe everything I am today.

I extremely thank God for bestowing his blessings in all my endeavors and my husband,

Ganesh without whose support this project would not have been a reality and finally, my

three kids Archana, Anusha, and Sreeni whose inspiration and motivation saw the launch of

"Learn any time anywhere" through Vaagakids.com.

I must also mention everyone who has been involved directly or indirectly in the making of

Vaagakids.com. You have come through for me and 'Vaagakids.com' and for that you have

my sincere thanks.



#### Preface

It is important that early learners have a strong foundation in mathematics. It forms an integral part of our life. A logical sequence of teaching material is essential to help the learners progress in the desired direction whilst nurturing 21<sup>st</sup> -century skills. This book aims at developing the Mathematics skills of the learners by moving step by step enabling learners to progress effectively. The concepts are explained with appropriate examples and colorful illustrations to make learning an exciting experience. This book aims at building the Numeracy skills and the confidence of the young learner.

#### The objectives of this level are to assist learners to

- Recognize and write numbers [0-99]
- Sequencing numbers [0-99] [After number, Before number, in between number]
- Count backward [ D-99]
- Draw objects according to the number given.
- Add to and from 2D using manipulatives and pictorially
- Subtract to and from 20 using manipulatives and pictorially
- Subtract two sets of objects pictorially and write the answers.
- Demonstrate an understanding of place value and recognize tens and ones
- Recognize and draw basic geometric shapes (circle, square, triangle, rectangle, oval, crescent, Star)
- Identity basic 2 d shapes on paper and in real life
- Use nonstandard objects (pencils, blocks, and hands) to measure length, volume, and weight
- Compare measurements and correctly use [long/short, big/small, thick/thin, heavy/light]
- Demonstrate an understanding of positional relationships -[near / far , full / empty , front / back, inside/ outside, on/under.)
- Demonstrate an understanding of pattern sequencing with pictures and numbers
- Demonstrate understanding of the Concept of the Calendar in terms of naming months of the year and days of the week in order.
- Interpret simple data

#### About this book -

It is a complete and easily understandable Mathematics book that consists of plenty of writing practice exercises to consolidate learning.

- This book is ideal for self-study:
- It is suitable for teachers in classwork or even as reinforcement work.
- Another highlight of the book is the addition of square lines wHERE ever writing practice is required
- These books are available online and can be downloaded for free.
- The hard copy of the book is also available on order
- The book has a fresh-looking simple design.
- The pictures make it more appealing with lots of sums for practice.

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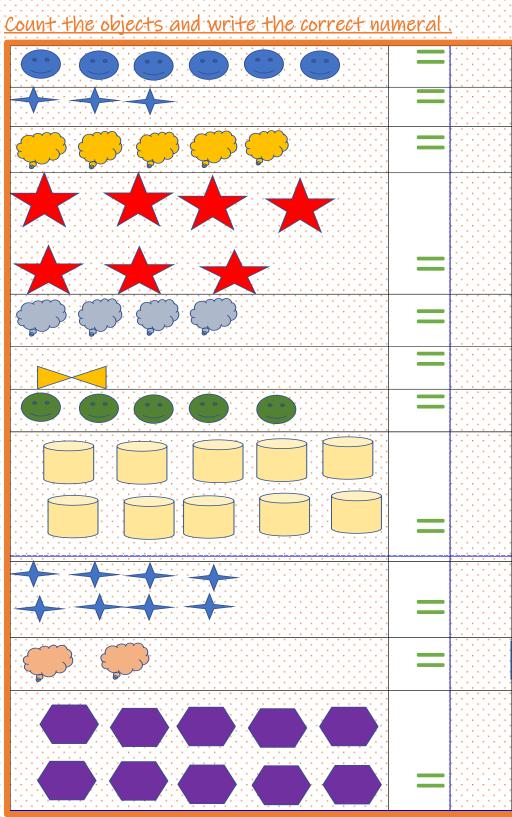
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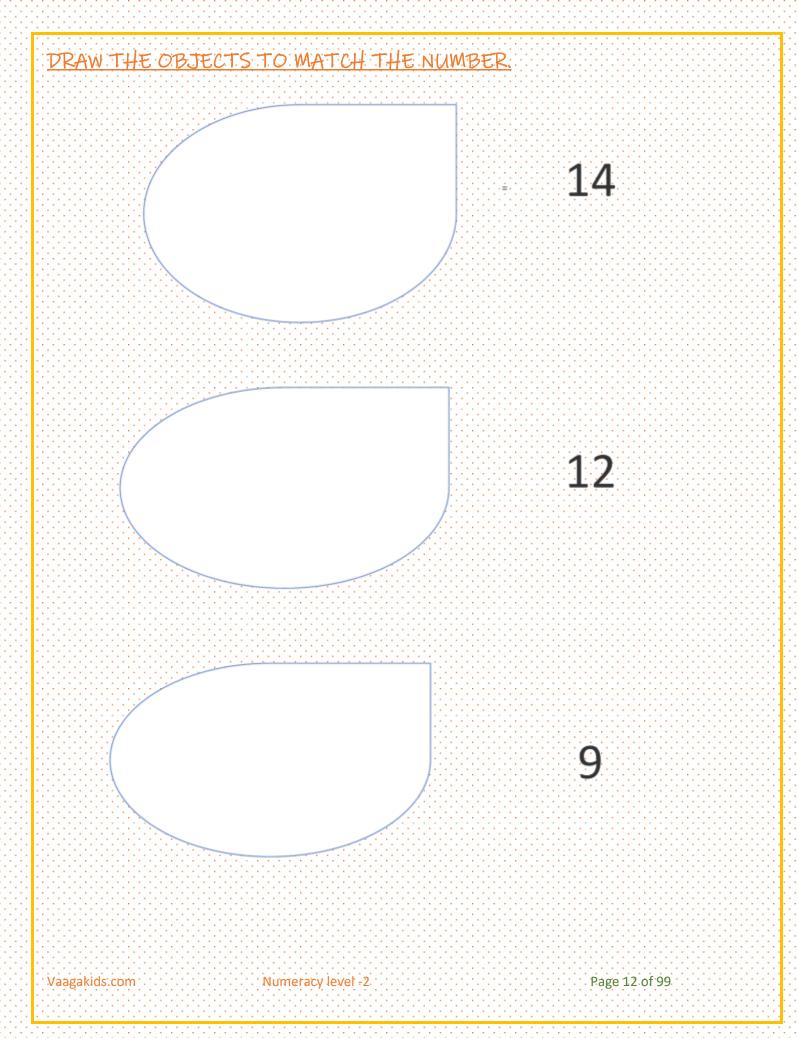
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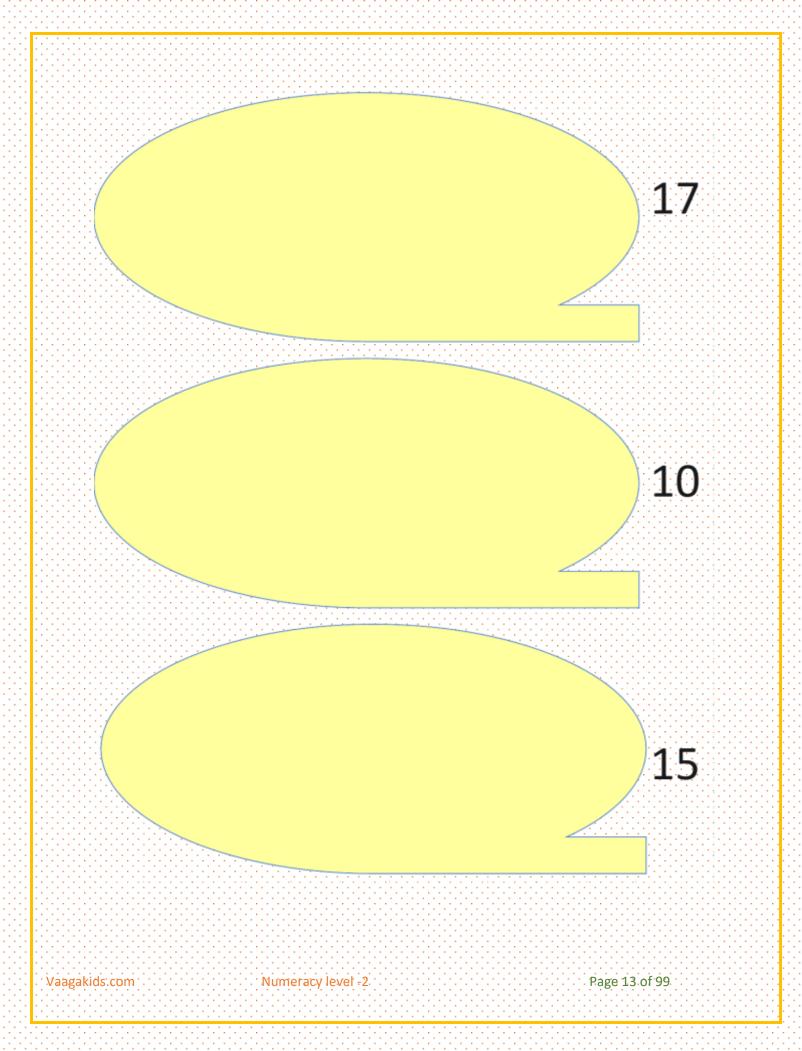
Numeracy level -2

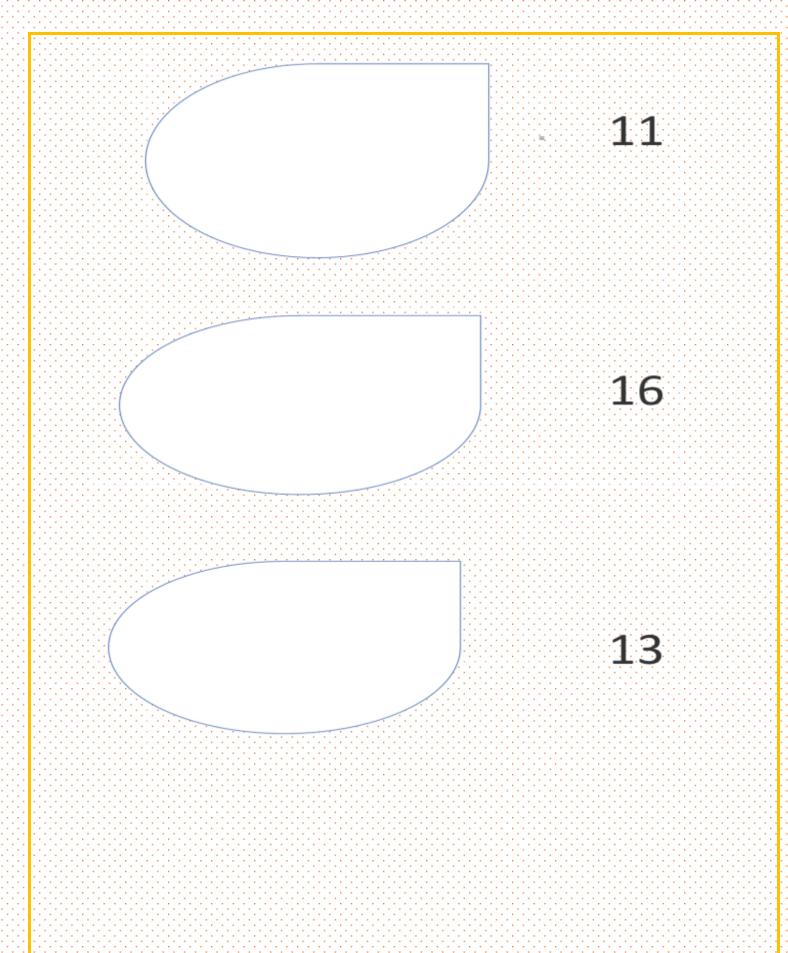
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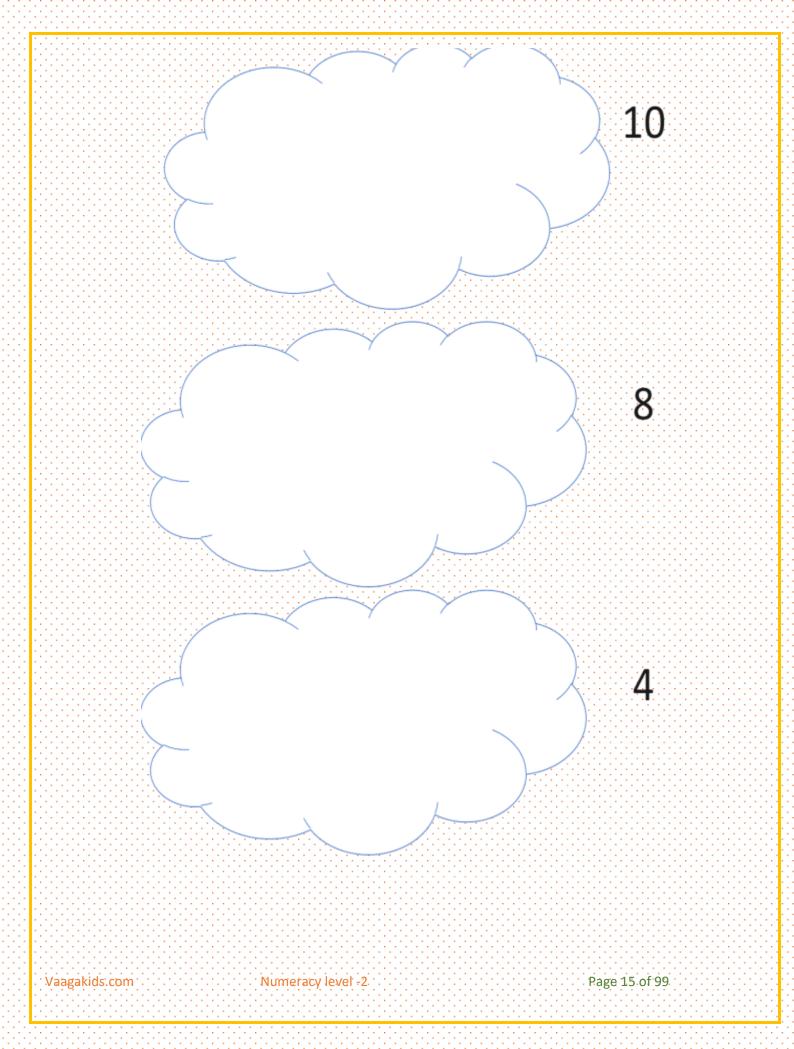


Unit 2 - Count and write







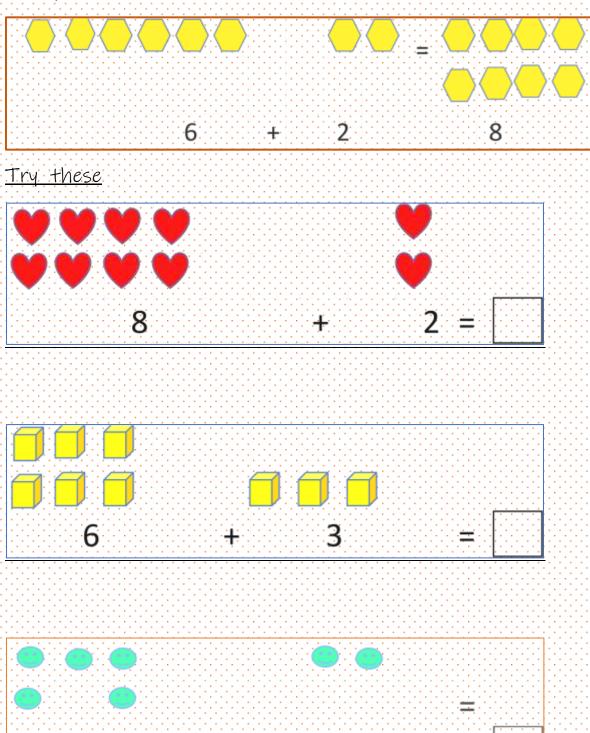


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### Unit 3 - Add and write

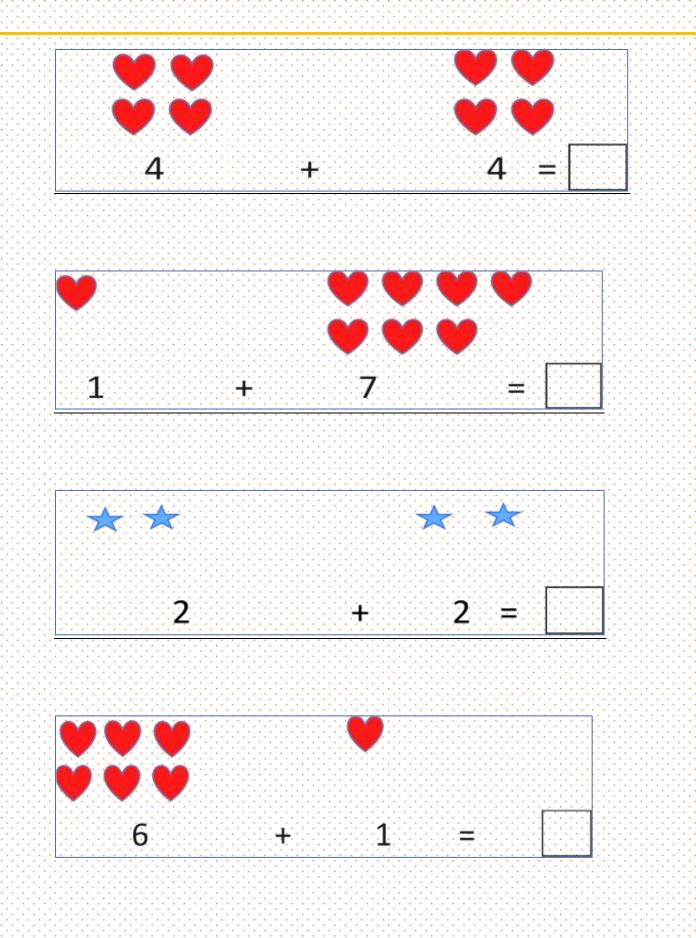
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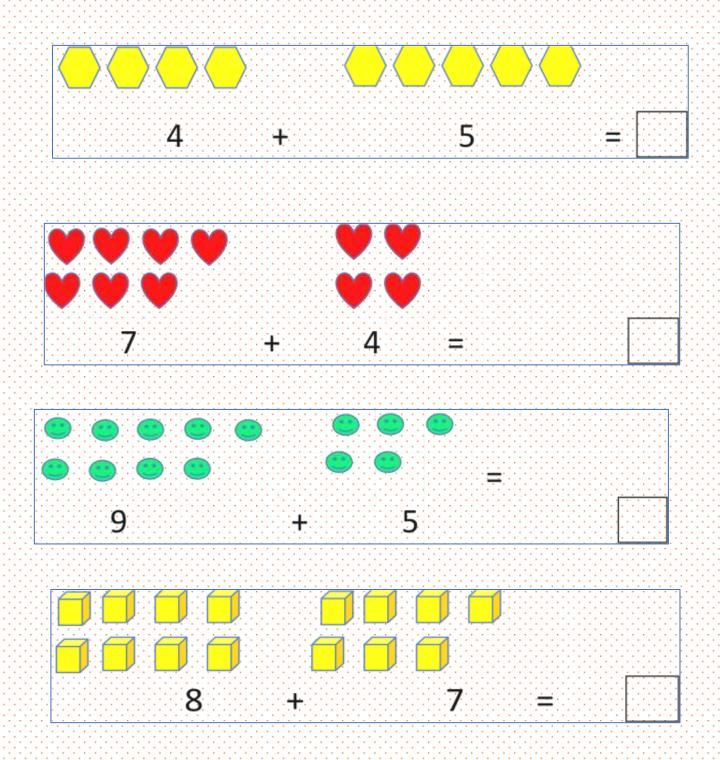


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### Unit 4 - WHAT COMES AFTER

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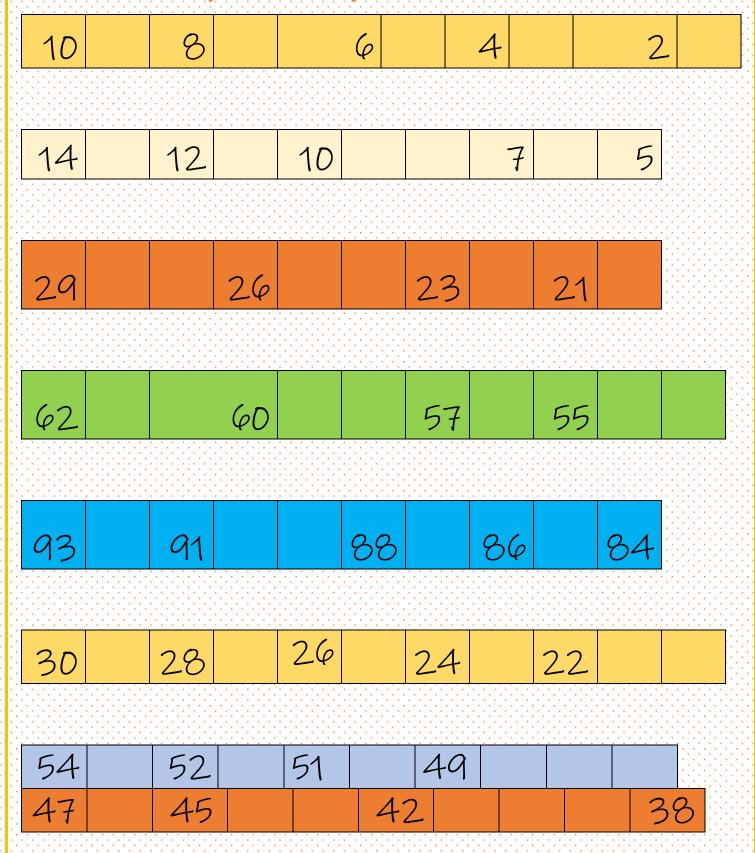
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#### Unit 5 BACKWARD COUNTING

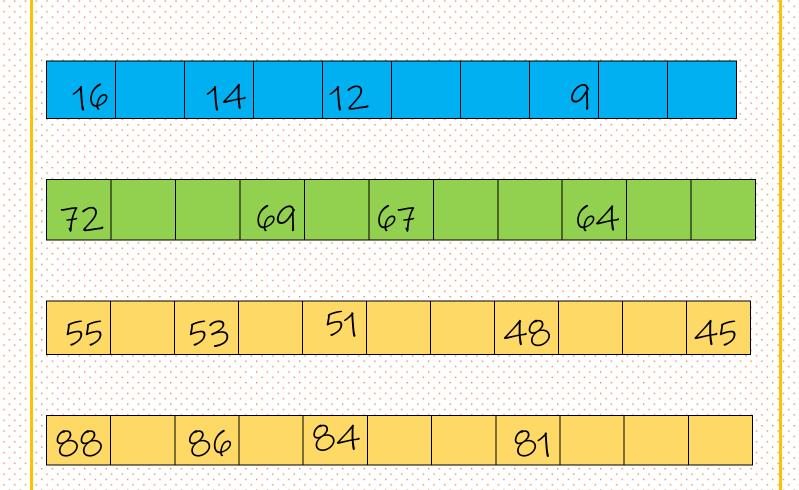
Do backward counting and fill in the gaps.



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Numeracy level -2

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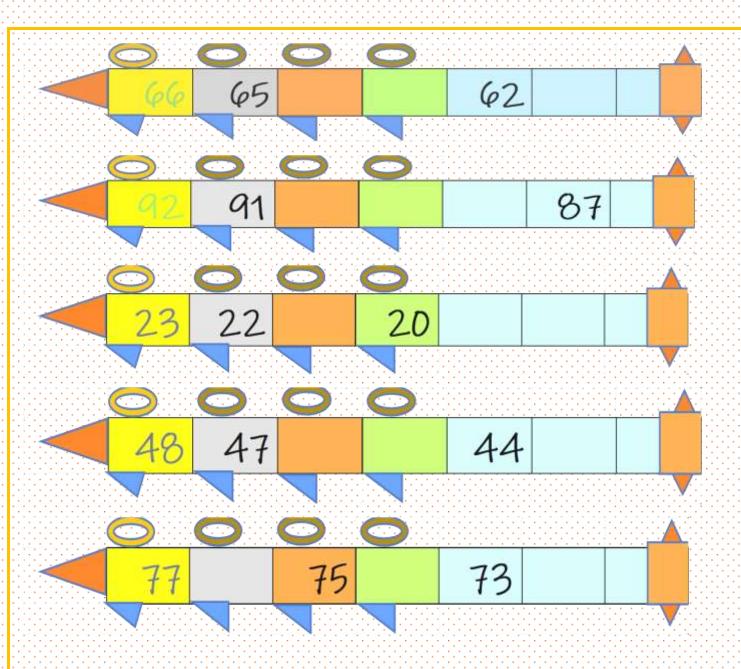


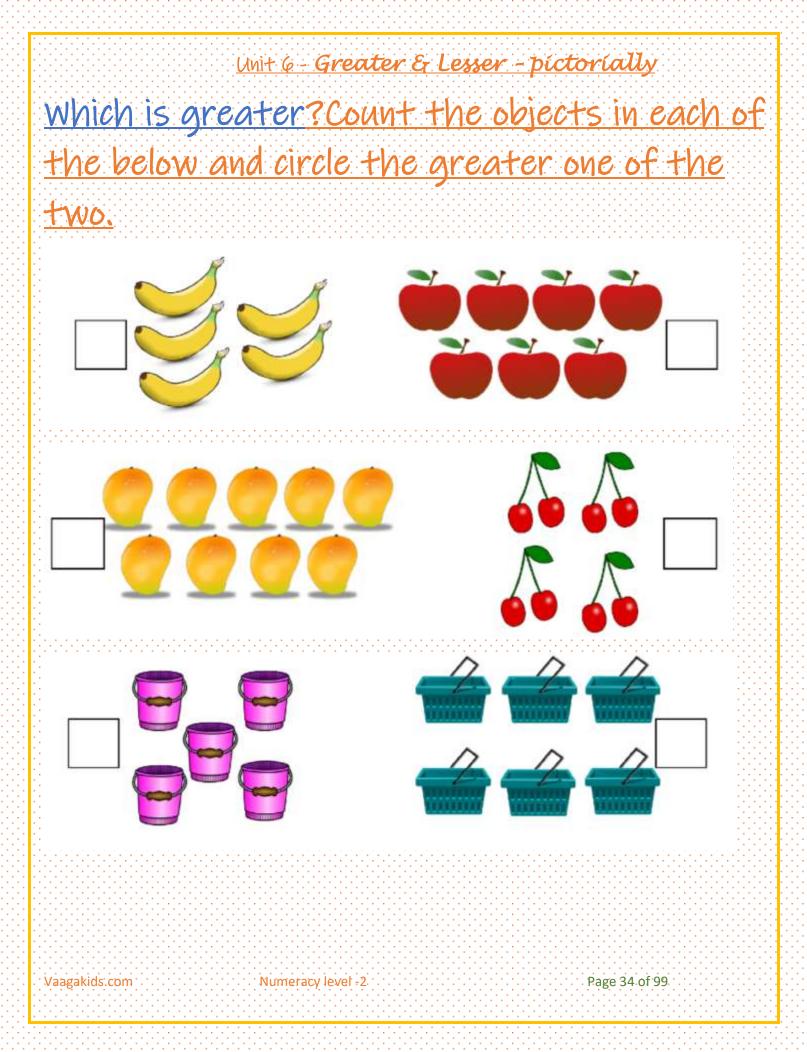


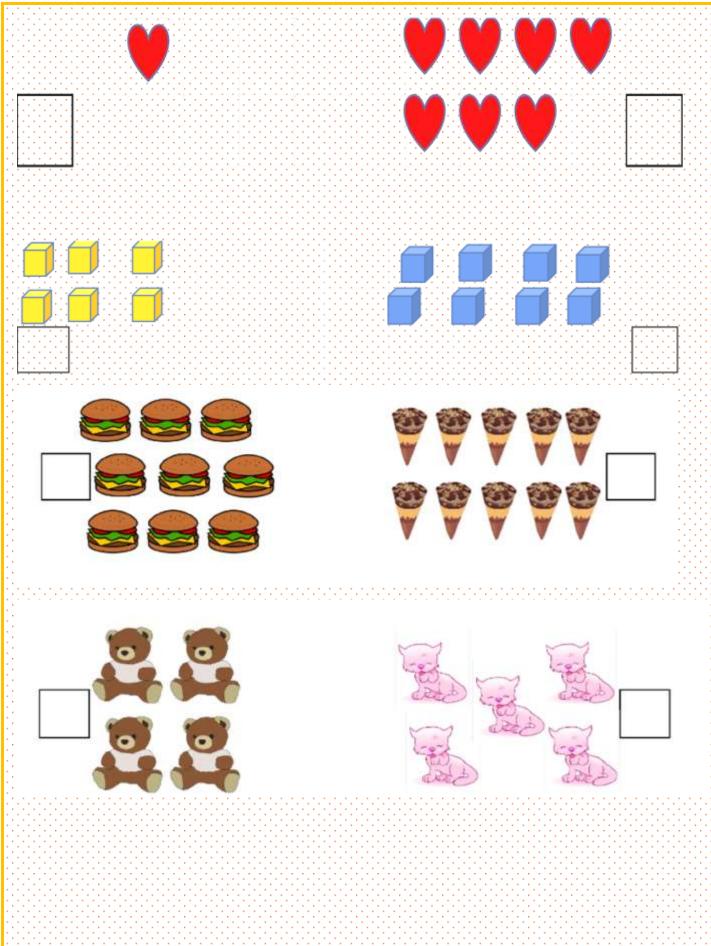


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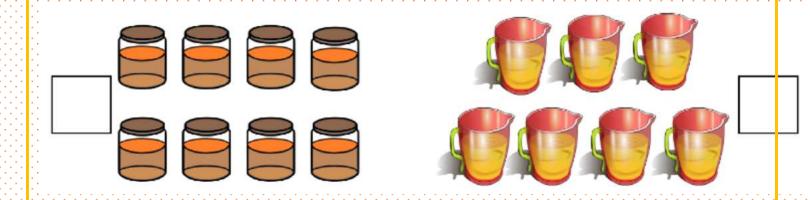




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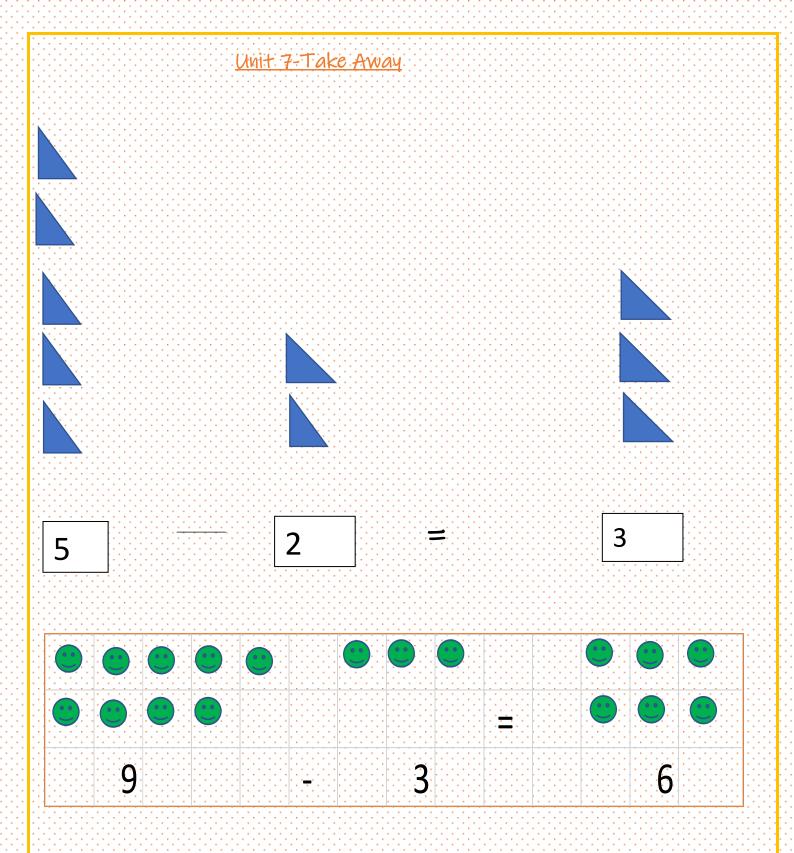


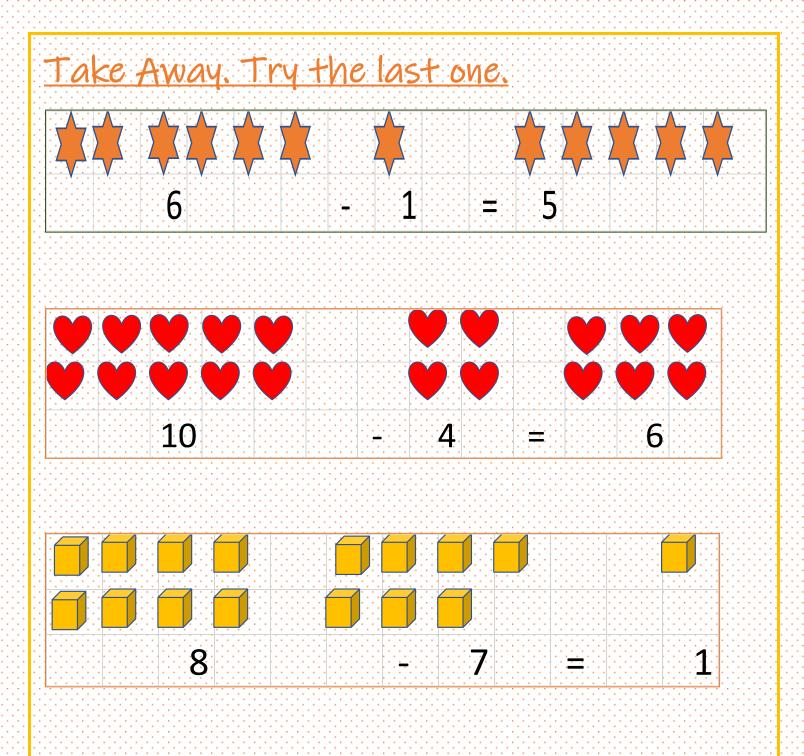
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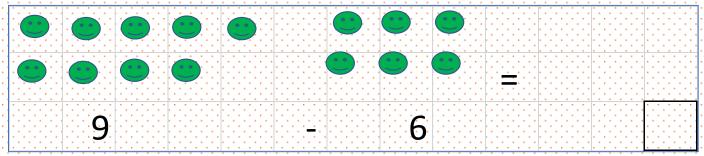
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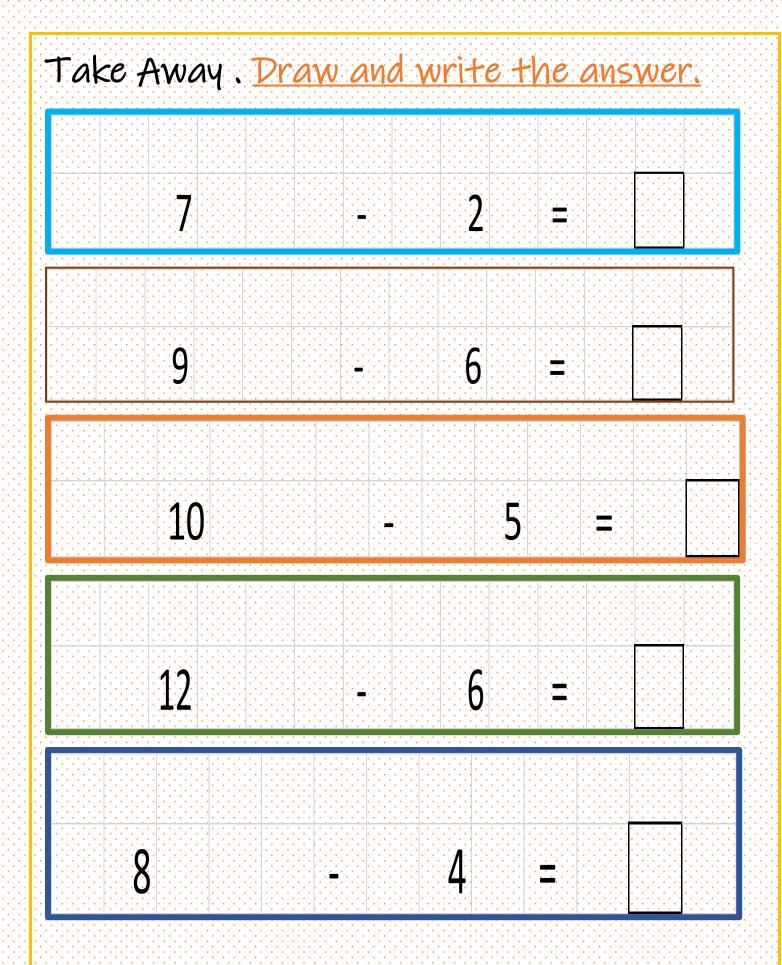
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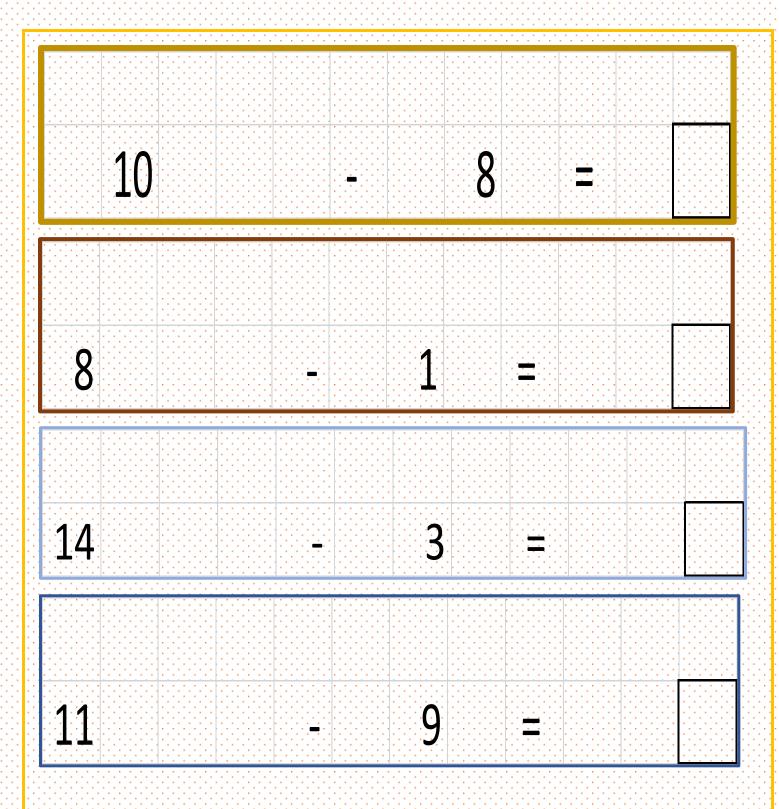
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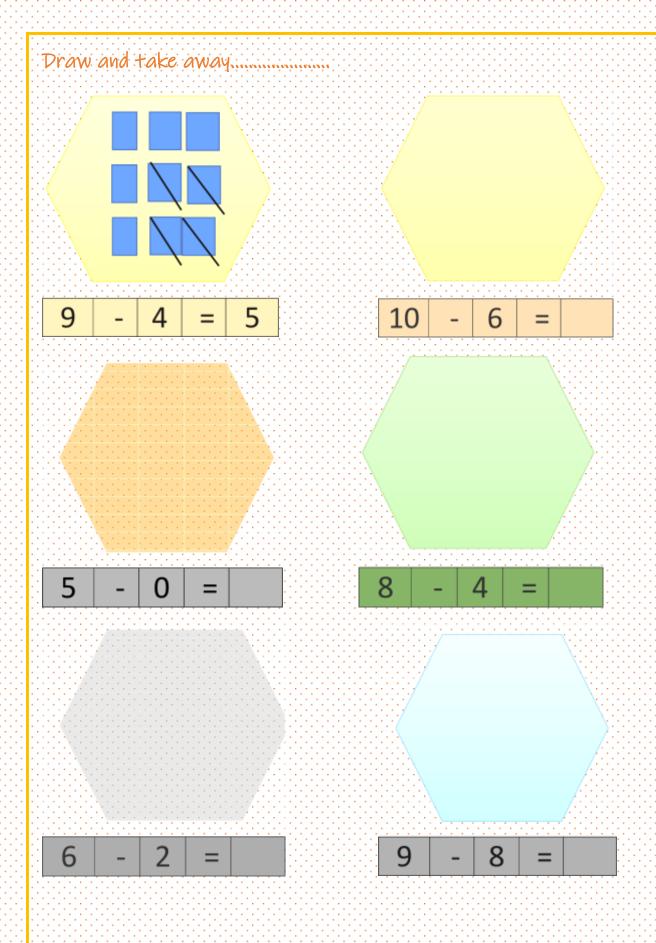


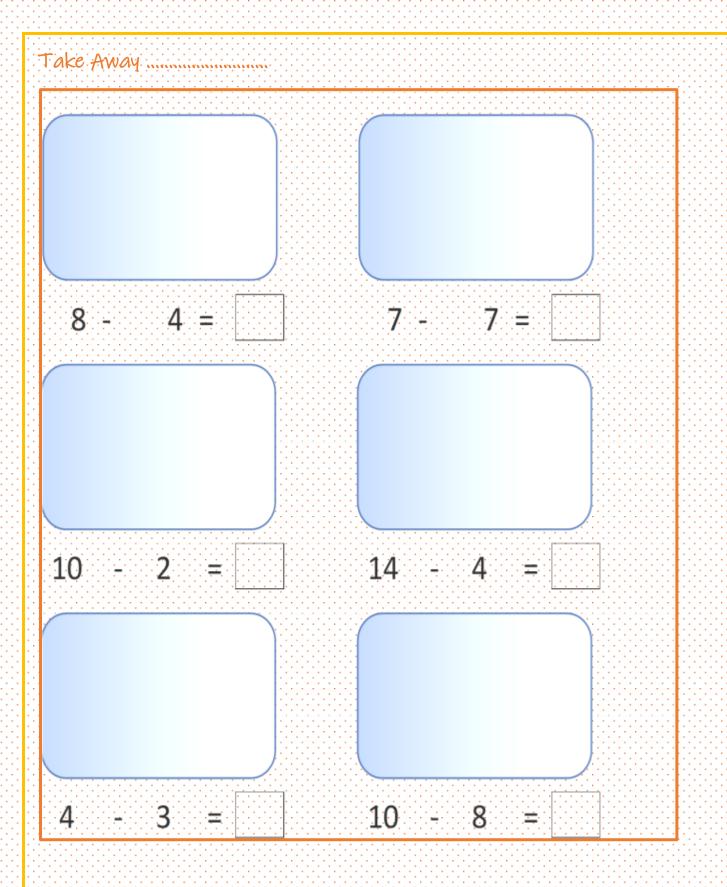


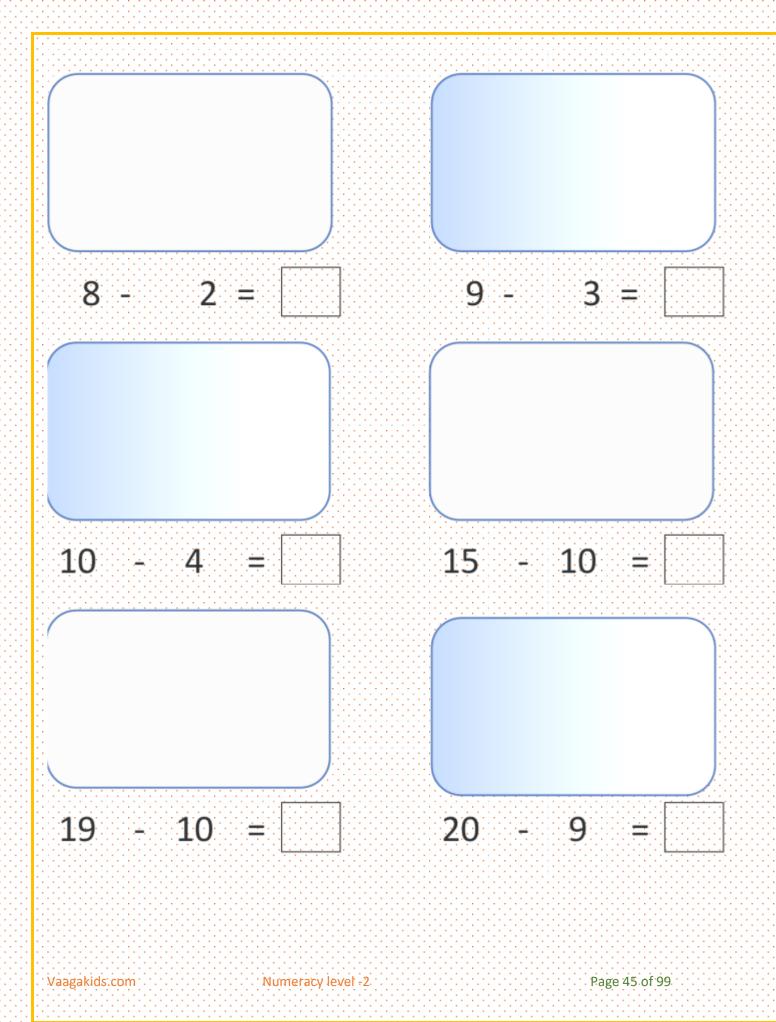


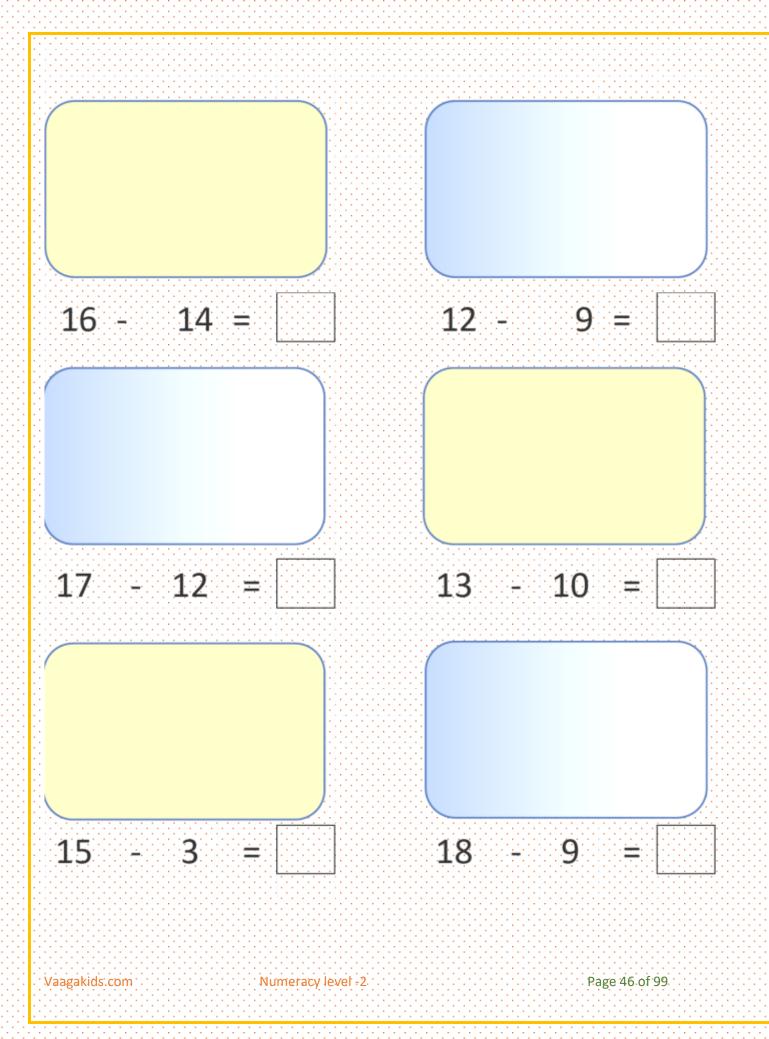


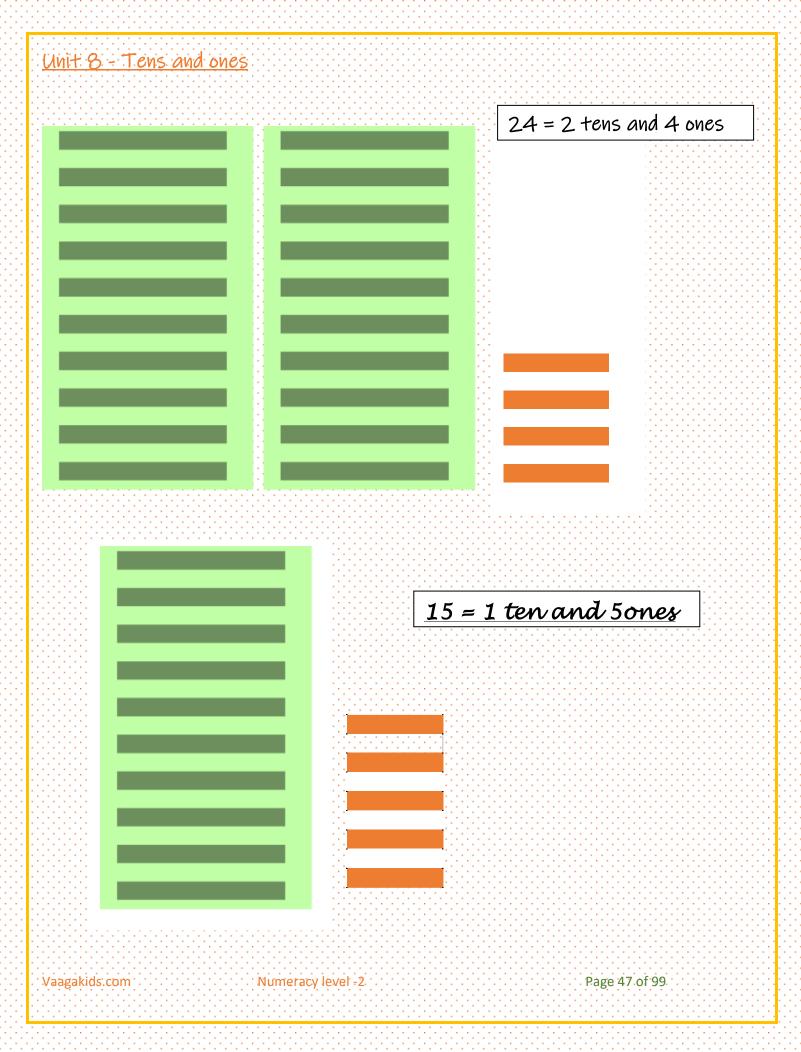






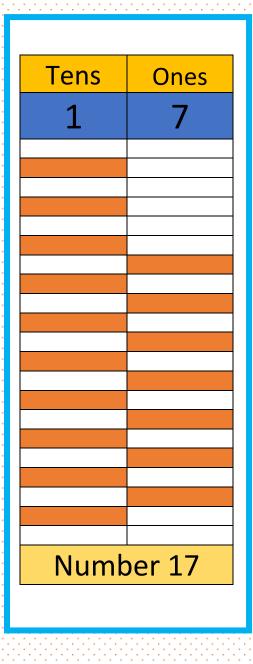






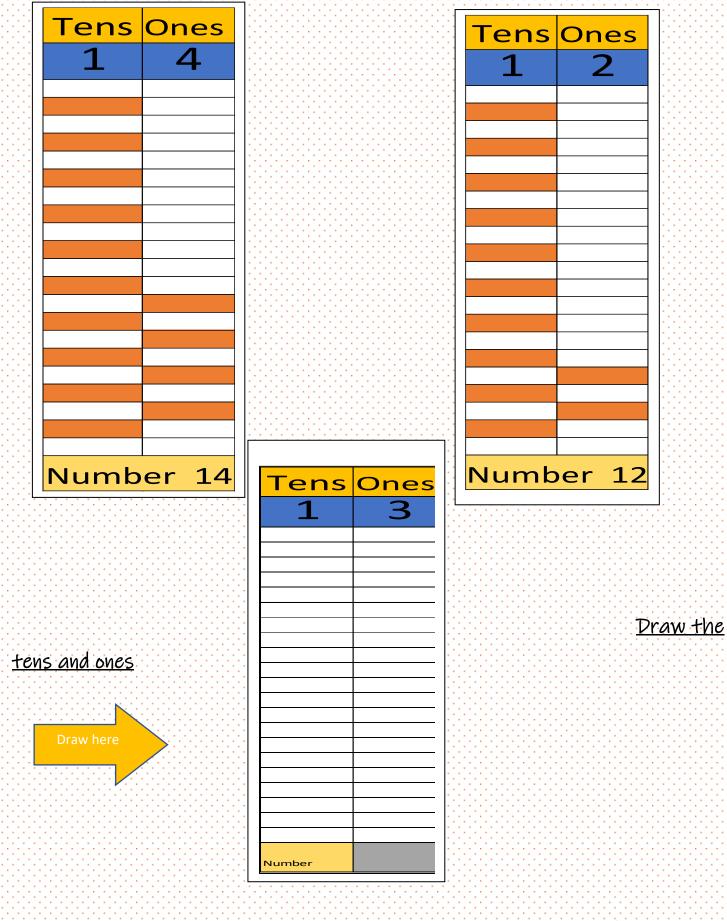
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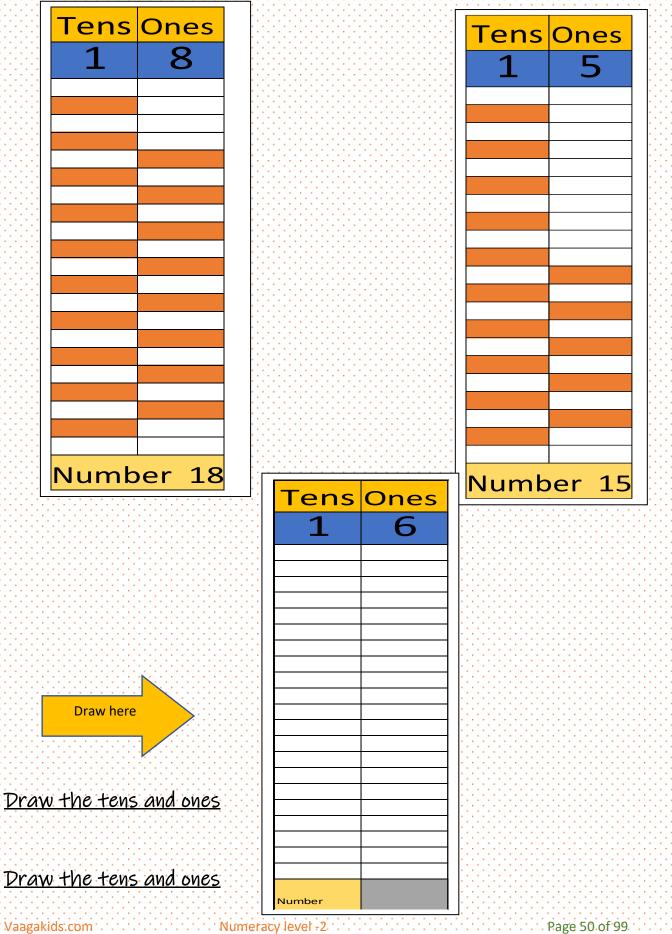
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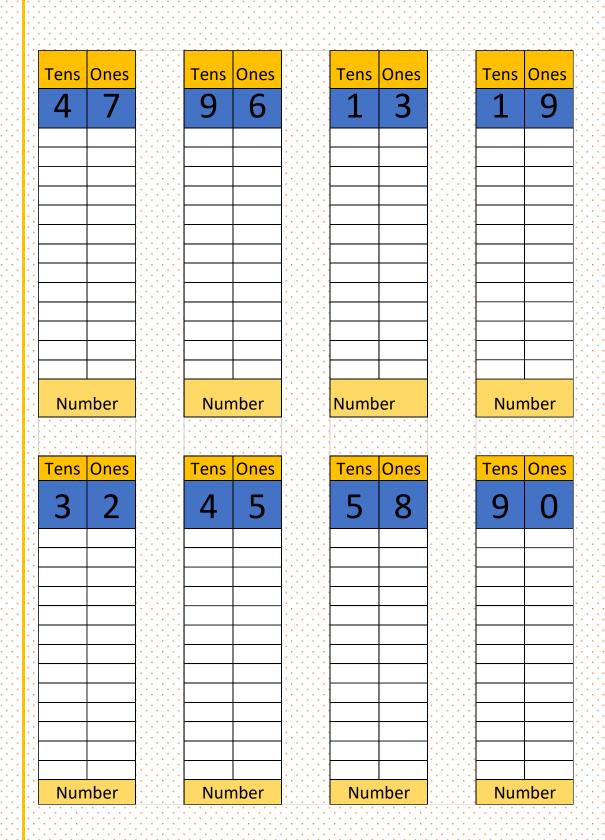
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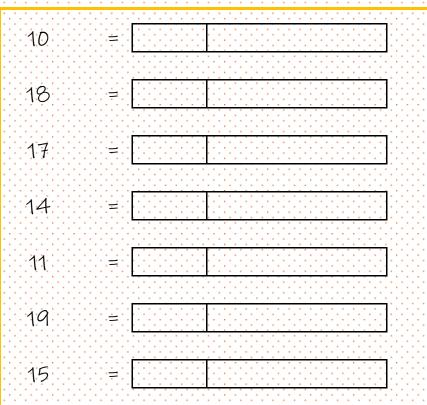
Numeracy level -2

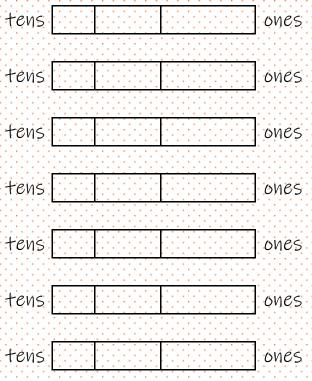
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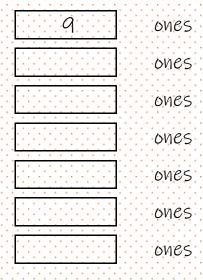
#### Draw tens and ones for the following.





#### Answer the following

19	Ŧ	1	tens
11	÷		tens
18	н		tens
15	=		tens
10	Ŧ		tens
12	=		tens
17	μ		tens



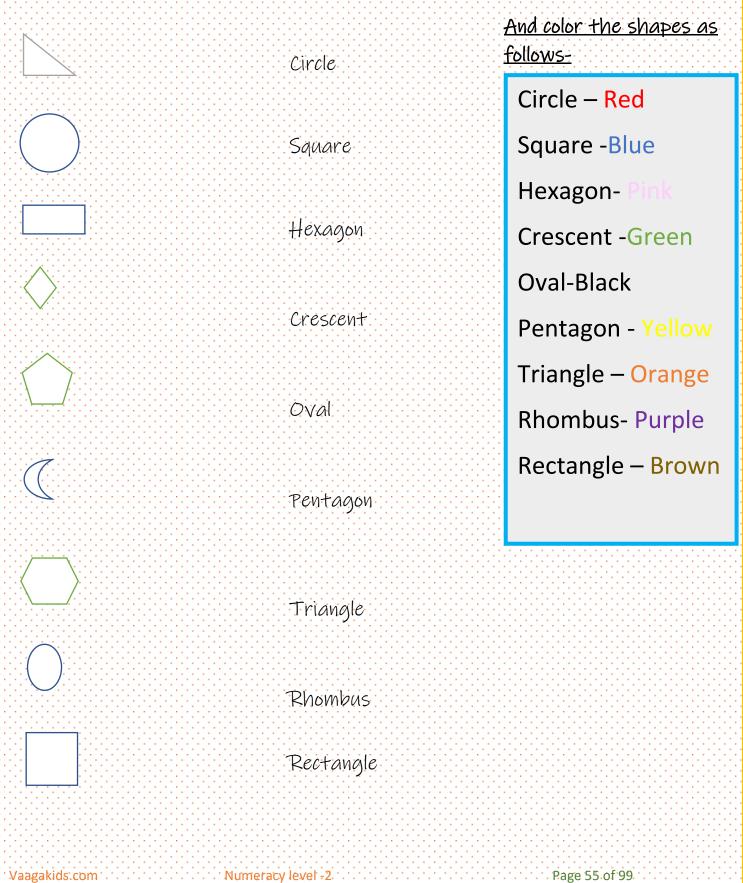
ry these. Add the tens and ones								
38	=	3	tens	8	ones			
46			tens		onos			
55	Н		tens		ones			
62			tens		ones			
77			tens		ones			
80	4		tens		ones			
92	=		tens		ones			
29	Ę		tens		ONES			
36			tens		ONES			
19	2		tens		OHES			
84	=		tens		ONES			
22	=		tens		ONES			
58	-1		tens		ONES			
9	Ę		tens		ONCS			
72	=		tens		ones			
		· · · · · ·		· · · · · · · · · · · · · · · · · · ·				

Try these. Add the whole tens and ones

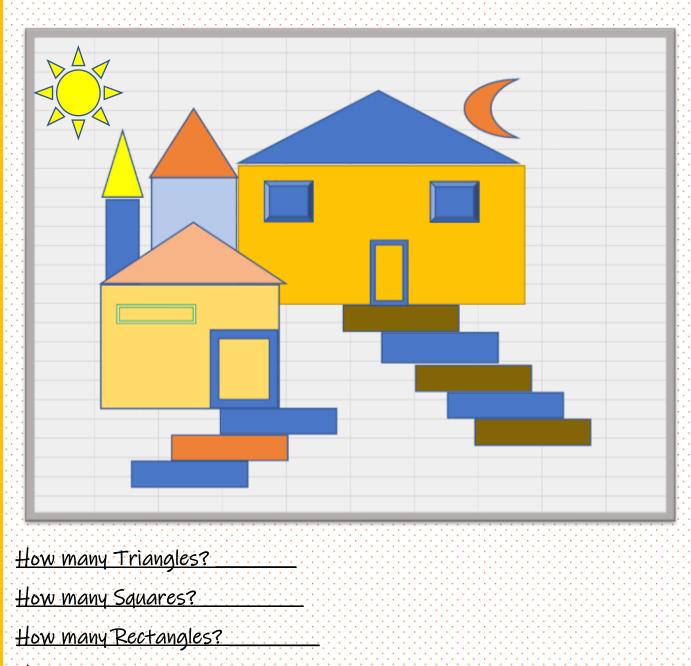
80	+	5	÷	85
10	ŧ.	3	=	
90	+	5		
40	+	4	=	
30	ŧ.	8	4	
70	+	1	7	
30	+	q	Ŧ	
10	÷	D	.=	
90	+	D	=	
20	+	2	=	
50	ł	7	Ŧ	
80	÷	8	=	
10	Æ	3	4	

#### Unit 9 - SHAPES

Match the shapes.

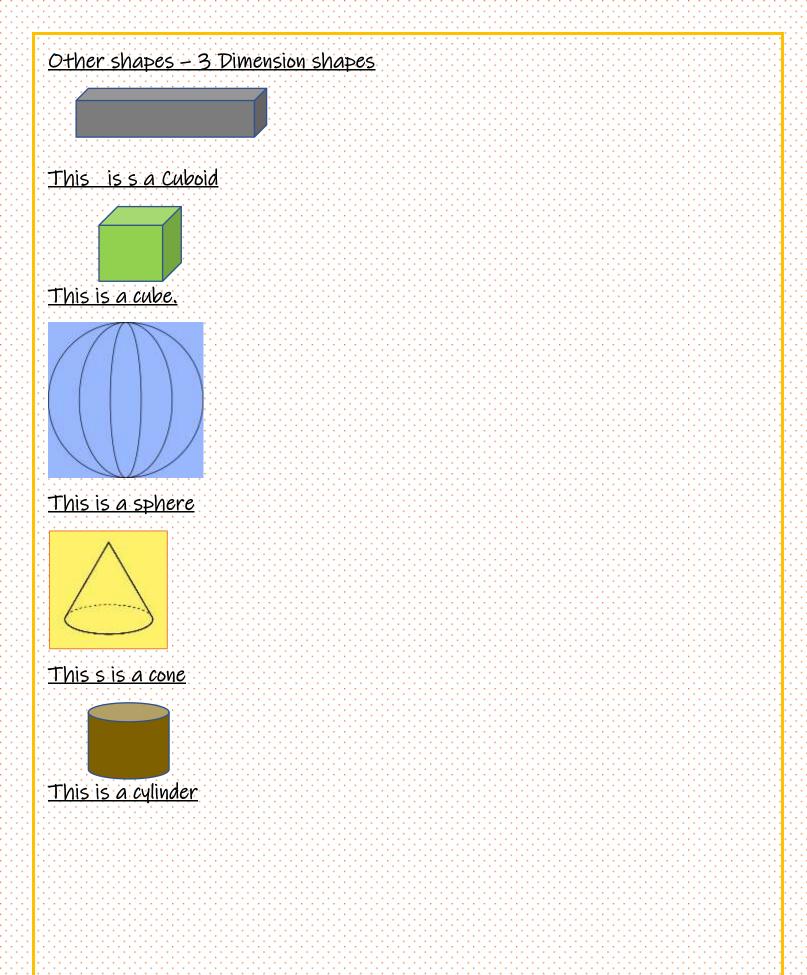


### Other shapes

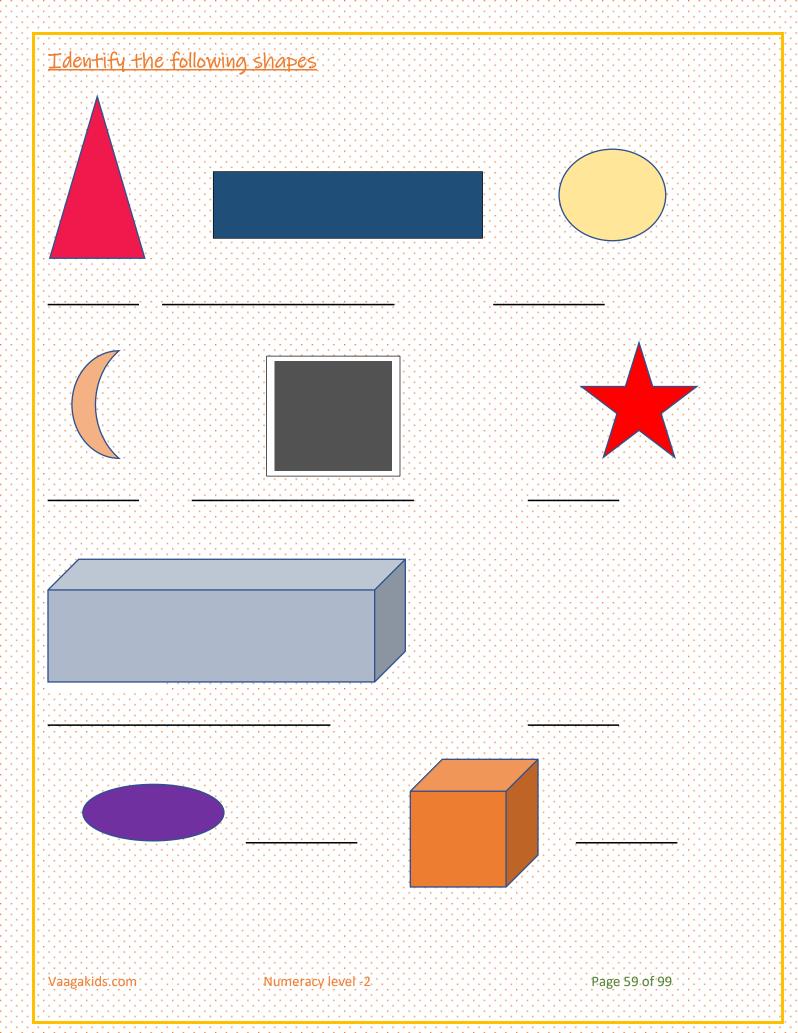


How many Crescents?

How many Circles?

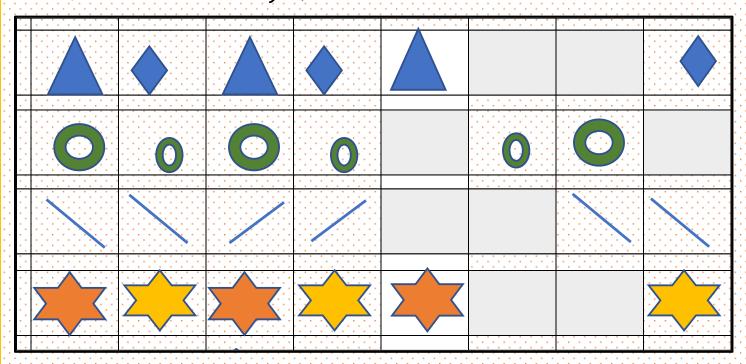




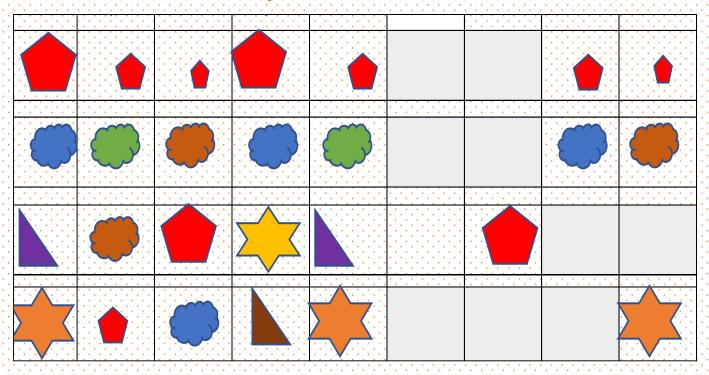


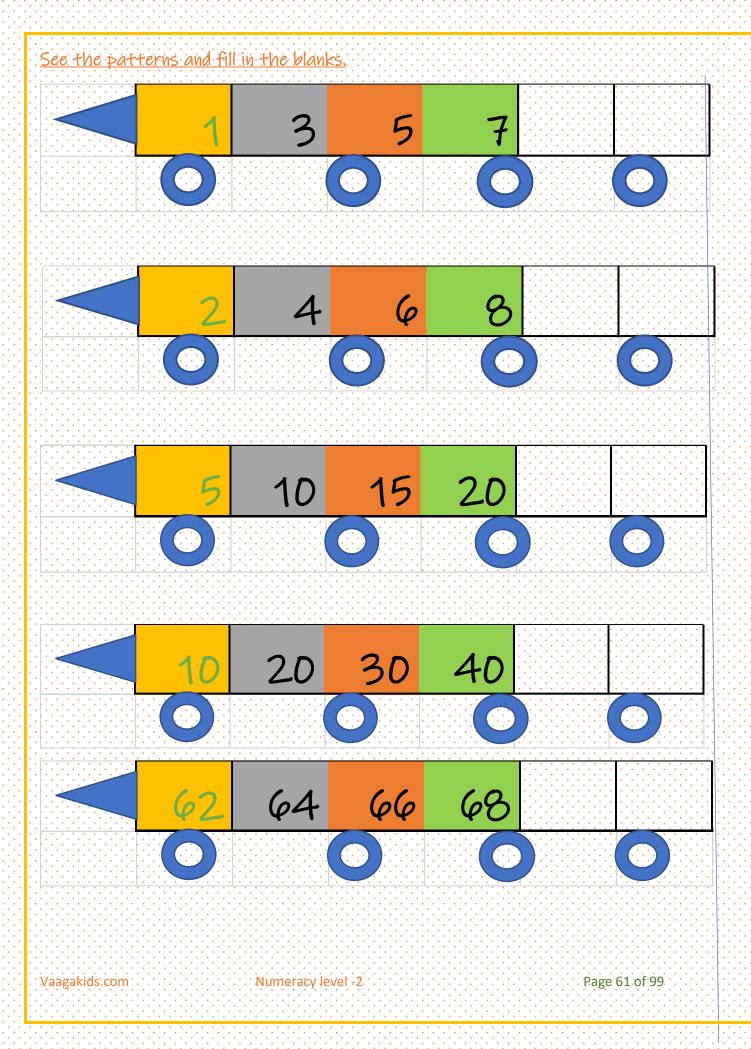
#### Unit 10 Pattern Sequence in shapes and numbers

What pattern comes in the grey squares



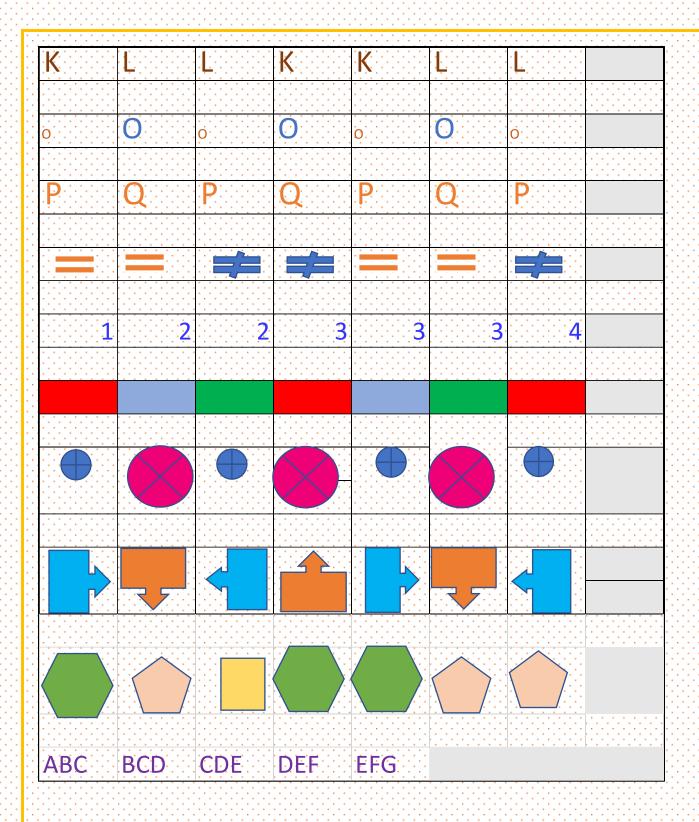
What pattern comes in the grey squares

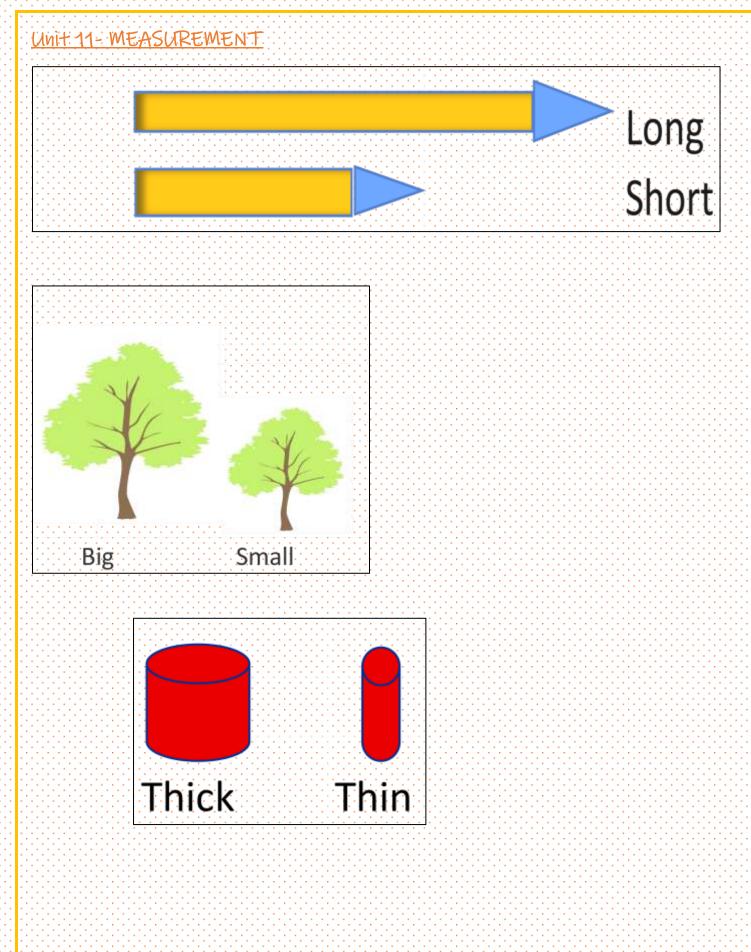


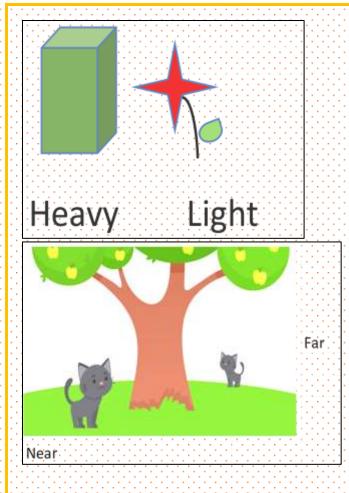


See the	e patte	rns and	l fill in t	the blai	<u>1ks.</u>			
22	24	26						
1	3	5	7					
15	20	25						
20	30	40		60		80		
41	51	61						
15	15	35			65			
D	5	10		20		30		
41	43	45		49				
67	68	69						
90	80	70						
82	72	62						

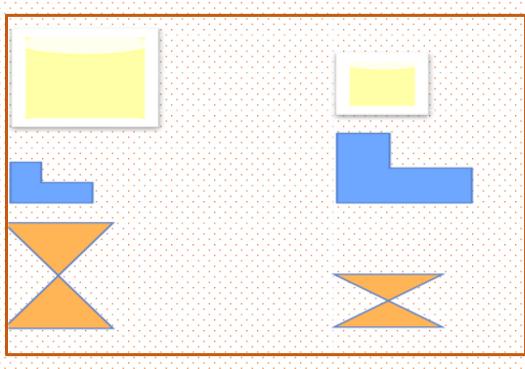
See the patterns and fill in the blanks.







#### TICK THE SMALLER OBJE CT

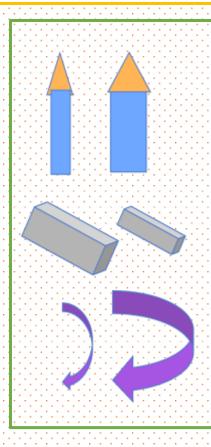


#### TICK THE THIN OBJECT

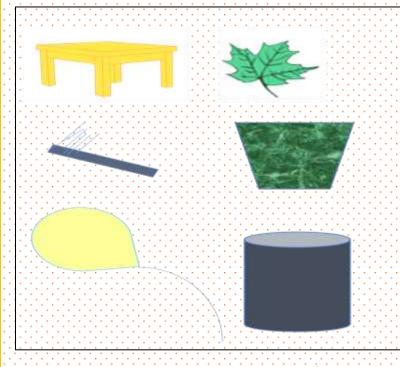
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# TICK THR HEAVY OBJECT

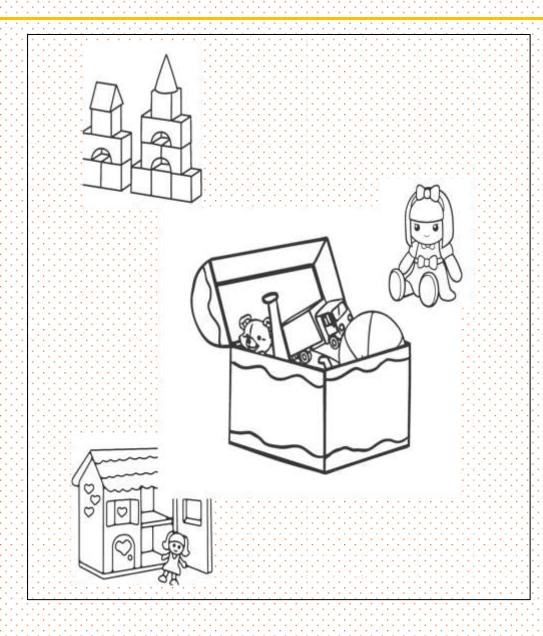


Tick the objects that are far and color all the pictures

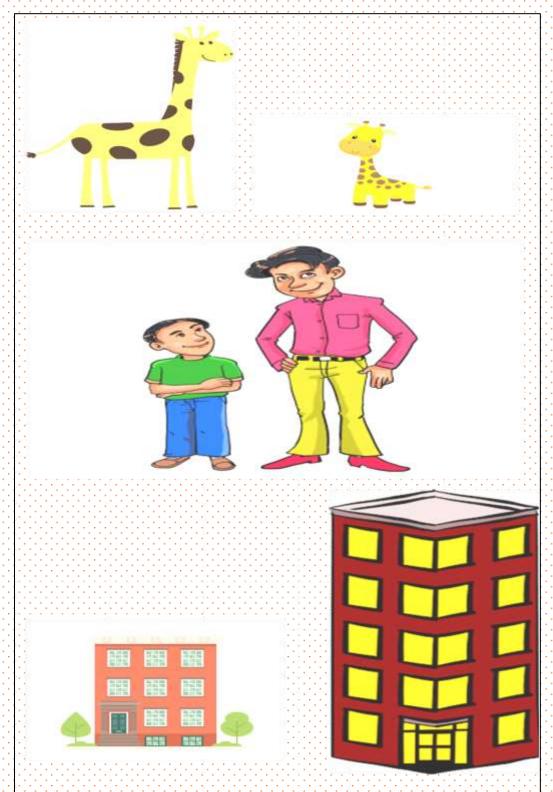
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## TICK THE TALL OBJECT



#### Measurement -

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#### EMPTY / FULL

# Circle the empty figure in each pair.

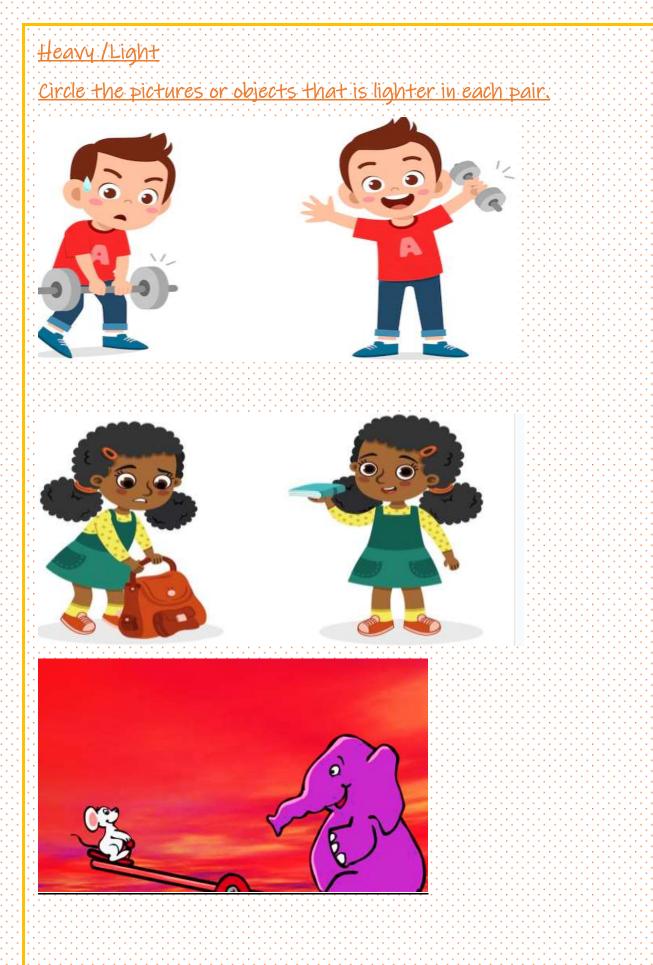


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Numeracy level -2

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# Inside / Out side

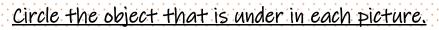
# Circle the object that is outside in each picture.



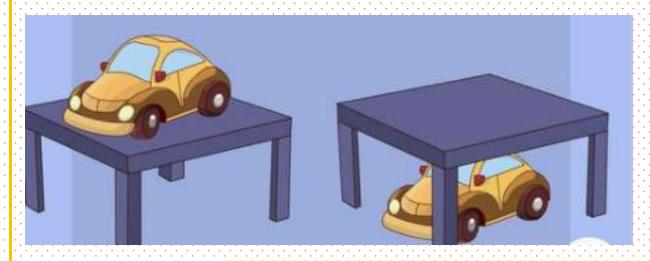
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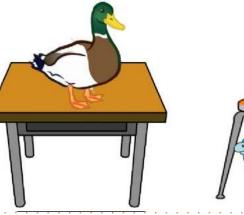
Numeracy level -2

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Look at the picture and choose the correct answer from the options.



- 1. The paintings are \_\_\_\_\_ the wall. [in, on]
- 2. The standing lamp is \_\_\_\_\_\_ the couch. [in front of, behind]
- 3. There at two plant pots \_\_\_\_\_\_ the shelf. [ inside, outside]
- 4. The Chair is the window. [near, away]
- 5. The carpet in \_\_\_\_\_ the floor. [under, in]
- 6. There are two cushions \_\_\_\_ the couch. [inside, in]

Look at the picture and fill in the blanks with the words in the bracket below]

[near, besides, on, between, above]



- 1. The gas cooker is in two storing units.
- 2. The exhaust is the cooker.
- 3. There is a cooking pot the cooker.
- 4. The fridge is the oven.
- 5. The two chairs are tht table.

# Unit 12 - CALENDAR

Hithere!

Can you tell me which month your birthday falls in.

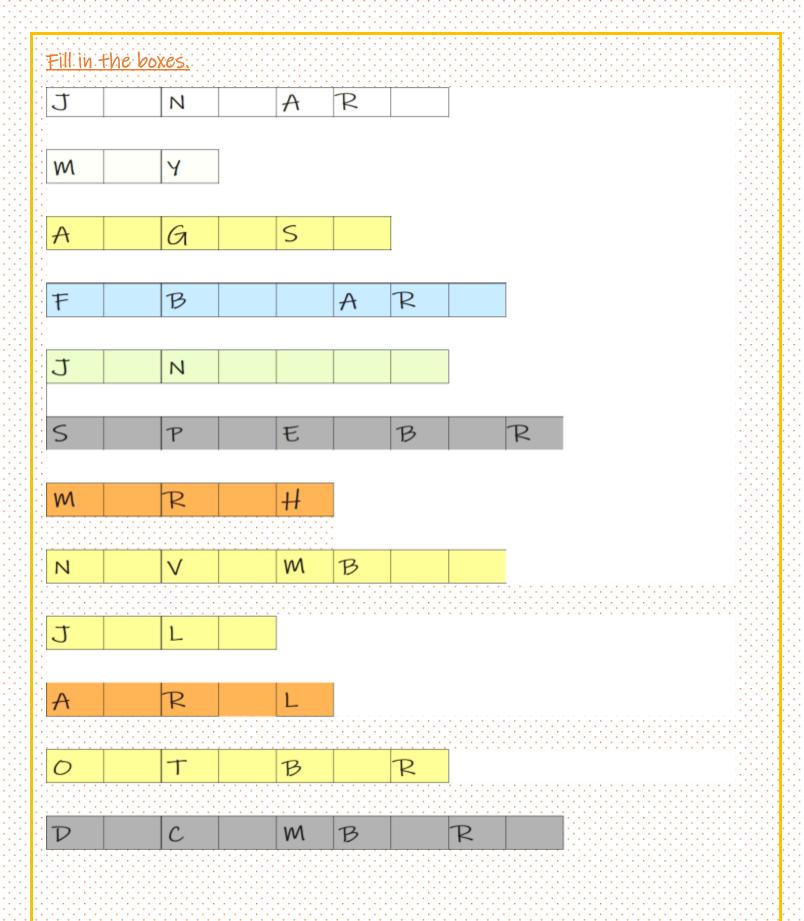
Can you tell me the date of your birthday?

### There are twelve months in a year.

January
February
March
April
May
June
July
August
September
October
November
December

The first month of the year is

The last month of the year is



### DAYS OF THE WEEK

Sunday Monday Tuesday Wednesday Thursday Friday Saturday

What day is today?

what day is tomorrow?

what day will it be day after tomorrow?

What day was it yesterday?

-	<u>Fill in t</u>	<u>he blan</u>	<u>ks</u>						
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-	Т	H			S	D	A	Y	
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-	S		Т		R	D		Y	
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-	F		I	D		Y			
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-	M		N	D					
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	Т		E	S		A			
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-	S		N	D		Y			

# Unit 13-NUMBER NAMES

# Read aloud and practice

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11	4	
11	5	
11	6	
11	7	
11	ଚ	
11	9	
11	10	
		$ \begin{array}{c} = & 3 \\ = & 4 \\ = & 5 \\ = & 5 \\ = & 6 \\ = & 7 \\ = & 8 \\ = & 9 $

## Write and Practive

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Ten	=	10	
Twenty	11	20	
Thirty	11	30	
Forty	11	40	
Fifty	11	50	
Sixty	11	60	
Seventy	11	70	
Eighty	11	80	
Ninety	=	90	
Hundred	=	100	

# Write and Practice

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# Write and Practice

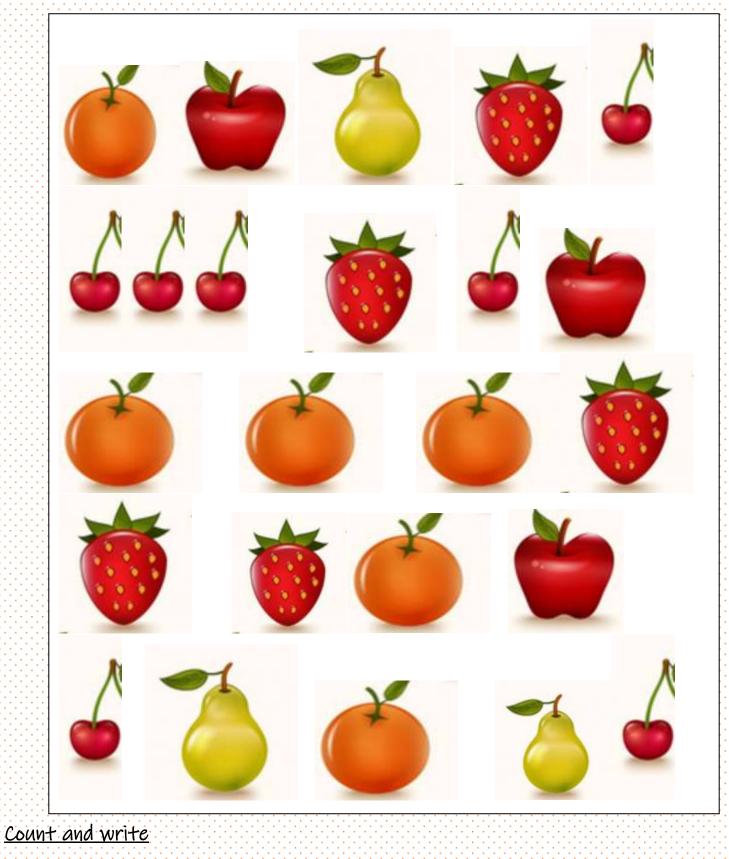
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16	11 11		
19	1		
1	=		
14	=		
9	11		
20 5	=		
	11		
12	11		

# Unit 14 - Data handling

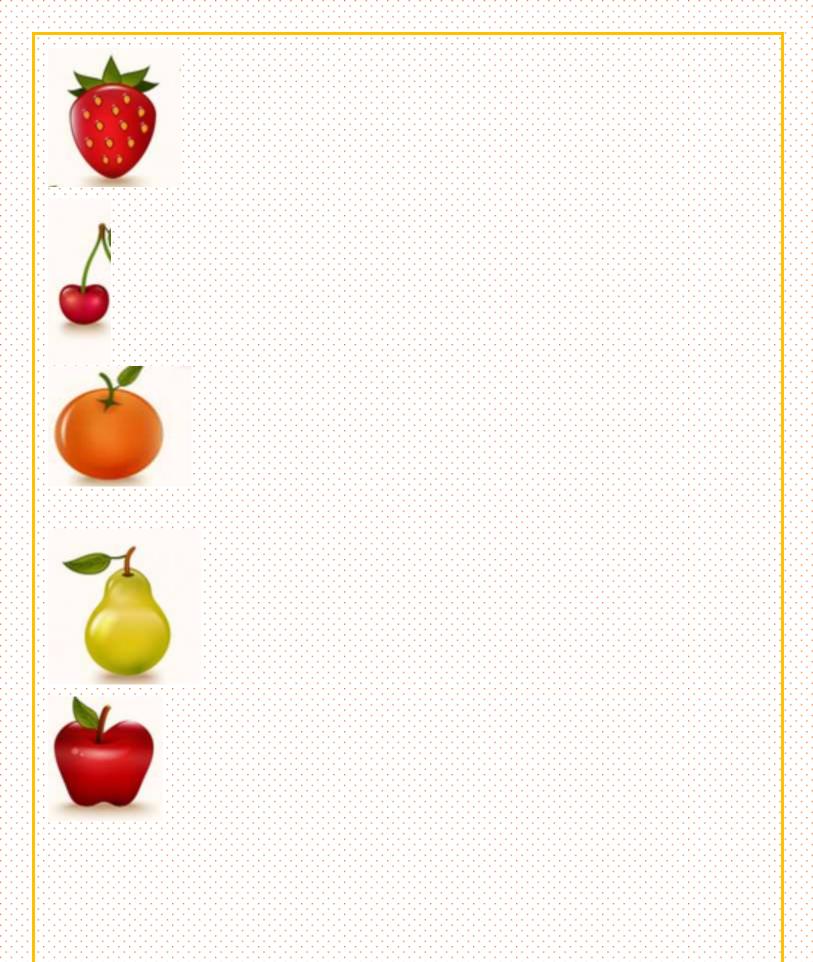
# Exercise 1



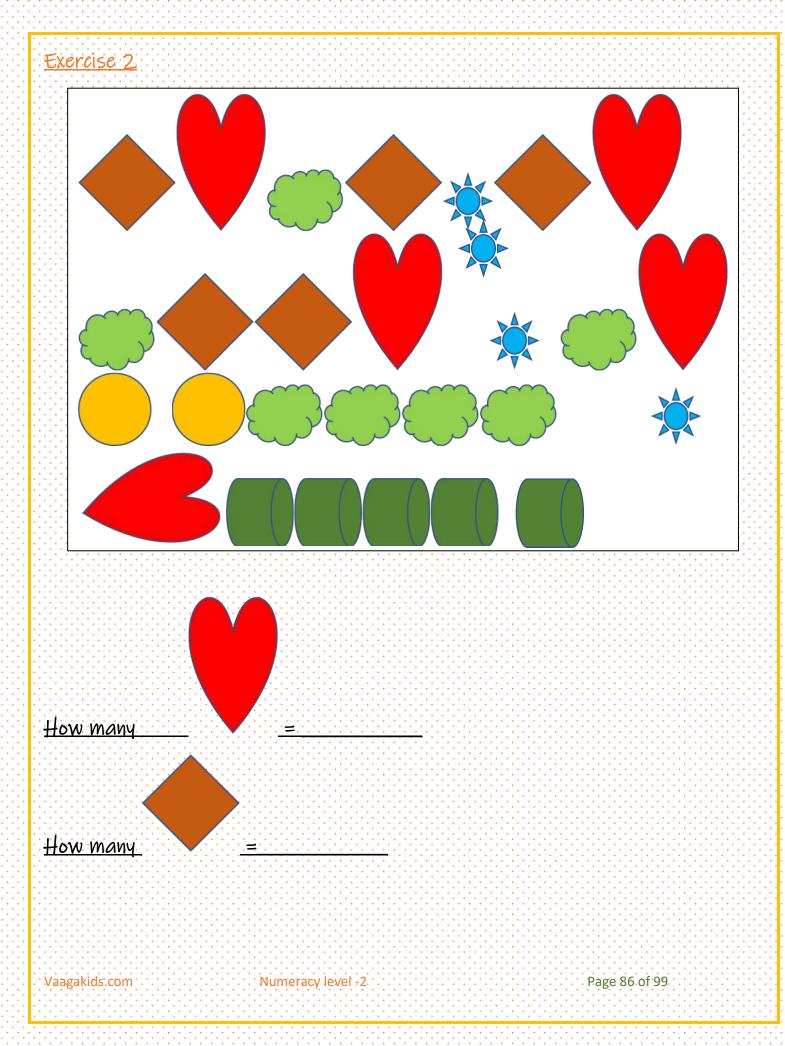
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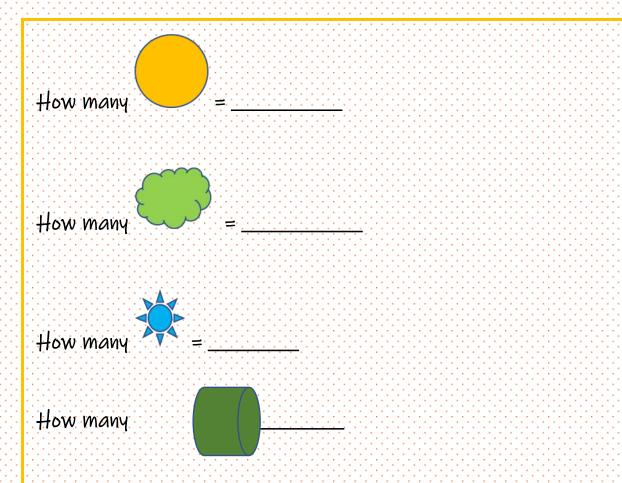
Numeracy level -2

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	How	manyle	etters do	each fri	uit have	Writet	he numb	er in the	block pr	ovided:	
P	A	P	A	Y	A						
P	I	N	E	A	P	P	L	E			- - - - - - - - - - - - - - - - - - -
С	U	S	Т	A	R	D					-
I	С	E	С	R	E	A	M				- - -
P	E	A	R								
G	R	A	P	E	S						- - -
W	A	T	E	R	M	E	L	0	Ν		- - - -
0	R	A	N	G	E						- - - -
S	T	R	A	W	В	E	R	R	Y		ء - -
R	A	S	В	E	R	R	Y				-
How m	nany frui	it names	have fiv	e letters	;?						•
How m	nany frui	it names	have six	letters	?						
How m	nany A's	in all the	e fruits i	names?							
How m	nany R's	in all the	e fruits ı	names?							
How m	nany B's	in all ?									



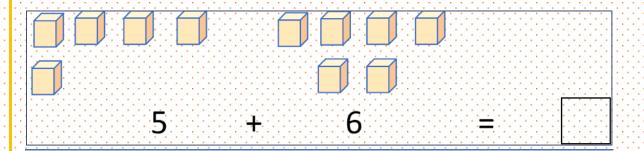




- 1. What day comes after Friday?
  - a. Saturday b. Thursday c. wednesday
- 2. If I take away 6 from 10, what is left with me.
- 3. I have 3 apples. Dait gave me 4 more. How much do I have now?
- 4. Fill in the missing number 25,26,28,30,
- 5. Circle the smallest number. 25 56 89.
- 6. Name this shape.
- 7. Write the numeral for Forty-seven.
- 8: Fill in 49,48, ,46, ,44, ,42, ,40.
- 9. What comes in between 39 and 40?
- 10. What comes before 89?

- 1. What day comes before Monday?
  - a. Saturday b. Sunday c. Tuesday
- 2. If I take away 2 from 9, what is left with me.
- 3. I have 7 apples. Baga gave me 5 more. How much do I have now?

- 4. Fill in the missing number 5,7,11,15
- 5. Circle the biggest number. 82 12 56
- 6, <u>Name this shape</u>.
- 7. Write the numeral for Sixty-Seven
- 8. Fill in 34, 36, 38, 40,
- 9; what comes in between 9 and 11?
- 10. What comes after 68?
- 11. Count and write.



1.

Circle the shorter tree 2. Circle the bigger number 13, 28,4 3. Name this shape. 4 Write the numeral for Nineteen 5 Fill in 30,40, 50, 70, 90. 6. What comes after 44 7 8. what comes before 12 9 What is 3 plus 3 = 10. The first month of the year is

Fill the missing number 5, 10, ,20, ,30, 40

- 1. 4 tens and 5 ones =
- 2. Thirty-eight in number form =
- 3. Take away two from 12 = -
- 4. 6+4 =
- 5. The day after Tuesday is
- 6. Your birthday falls in the month of
- 7. Draw a square.
- 8. Write the numeral for Twenty one
- 9. Write the number name for 69
- 10. Count backward from 45 to 28

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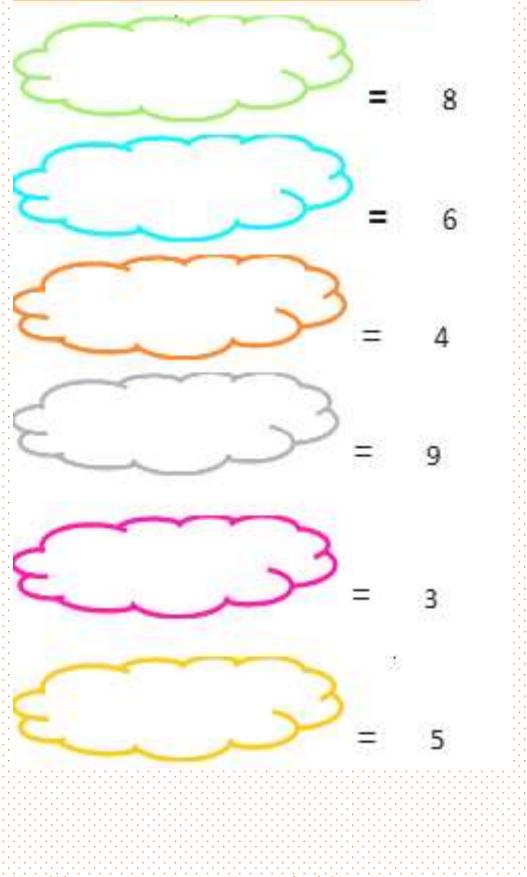


- 1. Circle the lighter object
- 2. Circle the bigger number 33, 88,46
- 3. Name this shape.
- 4. Write the numeral for Thirty-six
- 5. Write the number name for 11
- 6. Count backward from 25 to 8

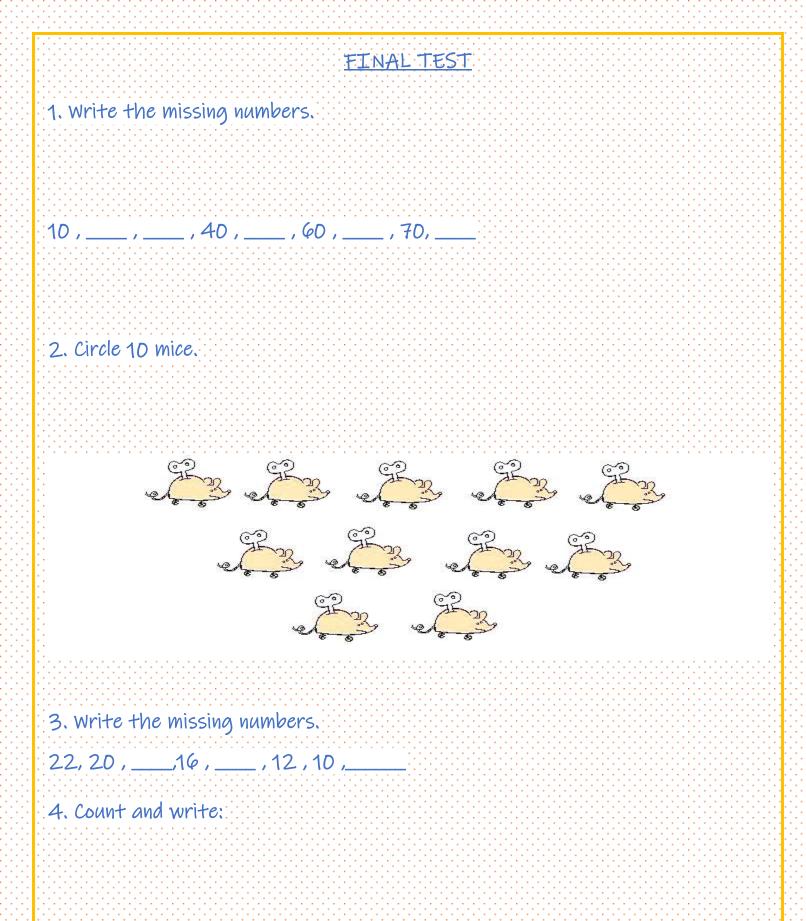
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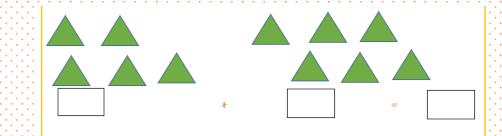
- 7. I have 17 marbles. Baga gave me 1 more. How much do I have now?
- 8. Fill in the missing number 2,4, ,8, ,12, ,16, , , ,22.
- 9. Circle the bigger number. 10, 9
- 10. What day comes two days after Monday?
  - 1





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6. Draw a circle in the space below:

7. Circle the rectangle. Color the triangle pink. Scribble over the rectangle. Color the oval green.

		$\frown$	×
$\subseteq$		$\bigcirc $ $\angle$	
8 <u>. Days of the w</u>			
There are	_ days in a week		
Vaagakids.com	Numeracy level -2		Page 96 of 99

If today is Tuesday, what day will it be in 3 days?

There are \_\_\_\_\_ months in a year.

The last month of the year is \_\_\_\_\_\_.

9. Palo gave jelly beans to his Ubby and ate 4. How many jelly beans did Palo have?

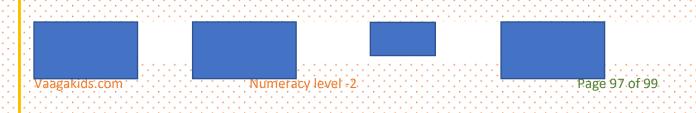
10. Which animal is heavier? Write your answer in the space provided.

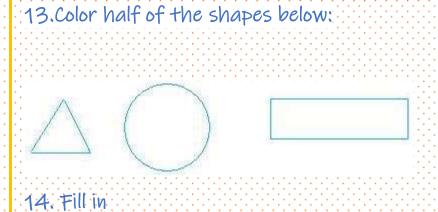
An elephant or a mouse?

11. Which animal is taller? Write your answer in the space provided.

A horse or a giraffe? \_\_\_\_\_

12. Cross out the odd one out





9 10 



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