

## <u>Vaaga kids.com</u> Numeracy book -3

# Level 3

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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.



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#### <u>Preface</u>

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. 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.

#### The objectives of Level 3 are to assist learners to

- Recognize and write numbers [0-999]
- Sequencing numbers [0-999]
- Count backward [0-999]
- Create sets of objects and label them with the correct numeral
- Add in columns
- Subtract in columns.
- Demonstrate an understanding of place value and recognize tens and ones
- Recall & use multiplication facts for the 2, 5, 10 tables,
- Recognize and draw basic geometric shapes (circle, square, triangle, rectangle, oval, crescent, Star)
- Identify, copy, create these patterns
- Identity basic 2 d and 3 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 and recognize the correct way to write the date
- Arrange numbers in descending and ascending order [0-999]
- Interpret simple data
- Tell time to the hour and the time of the daily routine activities
- Understand and write ordinal numbers [0-20]
- Understand basic fractions and be able to identify part of a whole and draw simple fractions.

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<u>Unit 1 -</u>	- Nume	rati								
1	2		<u>NUM</u>	BER CHAT	<u>RT 1-100</u> 5	<u>- read a</u> 6	<u>loud</u> 7	୫	9	10
11	12		13	14	15	16	17	18	19	20
21	22		23	24	25	26	27	28	29	30
31	32		33	34	35	36	37	38	39	40
41	42		43	44	45	46	47	48	49	50
51	52		53	54	55	56	57	58	59	GD
61	62		63	64	65	66	67	68	69	70
71	72		73	74	75	76	77	78	79	80
81	82		83	84	85	86	87	88	89	90
91	92		93	94	95	96	97	98	99	100

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#### COUNT AND WRITE.

Fill in the gaps

<u>1</u>		3	4		6	7		9	10
11		13		15		17		19	
21			24		26		28		30
		33		35		37			40
41		43		45		47			50
Practice	1-50			-	-		-		

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COUNT AND WRITE.

Fill in the gaps

51		53		55		57			60
61		63			66			69	
	72		74			77	78		80
		83			86		88		90
91	92		94				98		100

#### Practice 50-100

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7	Write 1-100									

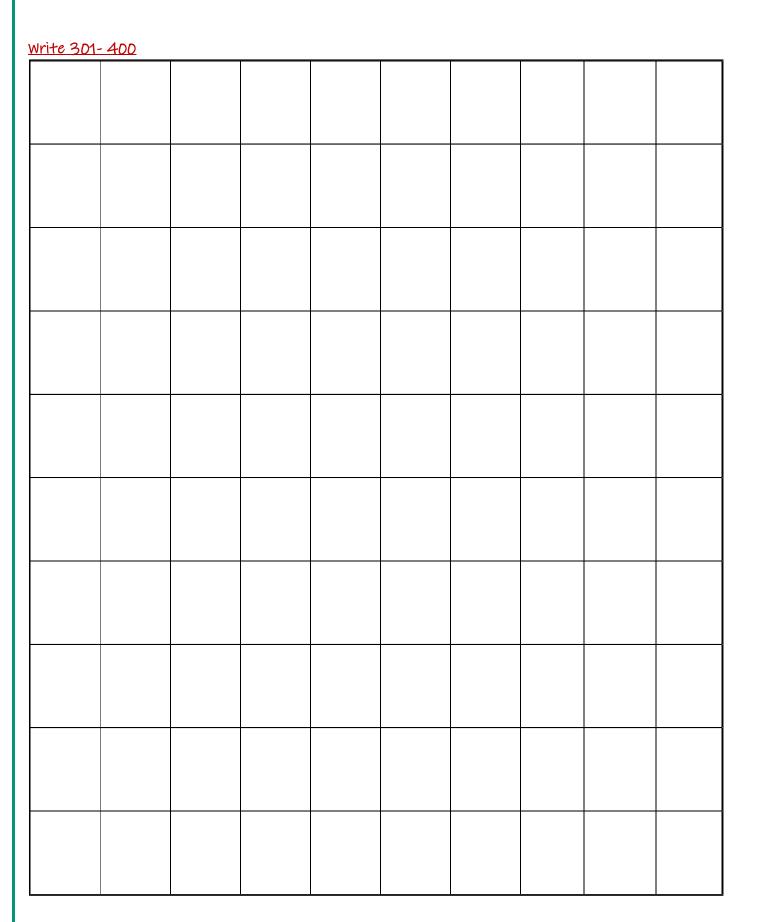
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<u>Vrite 201-300</u>									

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<u>Vrite 556 to 665</u>									
			<u> </u>						

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#### Unit 2 -NUMBER NAMES

## Write the Number names in words and practice.

One	11	
Two	11	
Three	11	
Four	11	
Five Six	11	
Six	11	
Seven	11	
Eight	11	
Nine	11	
Ten	11	

=	
=	
=	
=	
=	
=	
=	
=	
=	
=	

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Write the Number names in words and Practice.

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

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## Write the Number names in words and Practice.

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

 Image: Second second

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<u>write the numeral for the follow</u>		
Three Hundred and Seventy Two	=	372
six Hundered and Nineteen	=	
Four hundred and Twenty Three	=	
Eight Hundred and Eleven	=	
Seven Hundred and Thirty Nine	=	
Two Hundered and Forty Seven	=	
Nine Hundred and One	11	
One hundred and Sixteen	=	
Four Hundred and fourteen	11	
Five Hundred and Nine	=	
Eight Hundred and Six	=	
Nine Hundred and Nine	=	j

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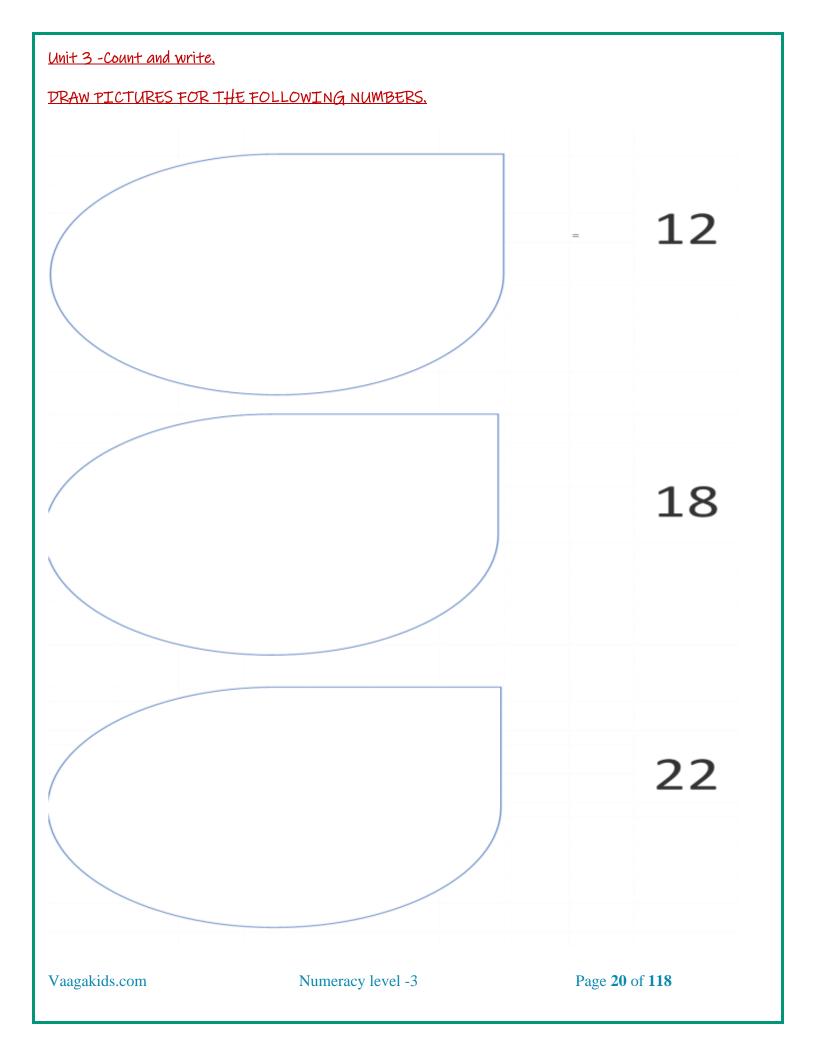
<u>Write the v</u>	<u>umber na</u>	mes of the following
46	=	
82	=	
37	=	
66	=	
D	=	
28	=	
51	=	
35	=	
17	=	
74	=	
93	=	
4.0.0		
100	=	

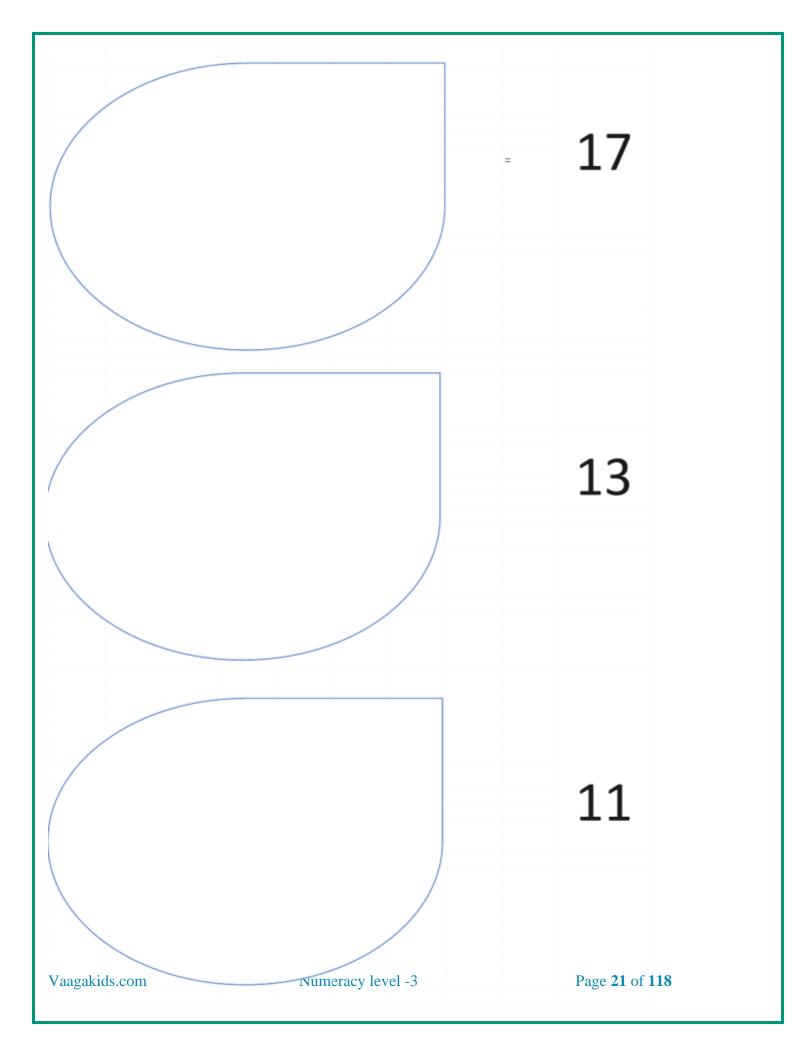
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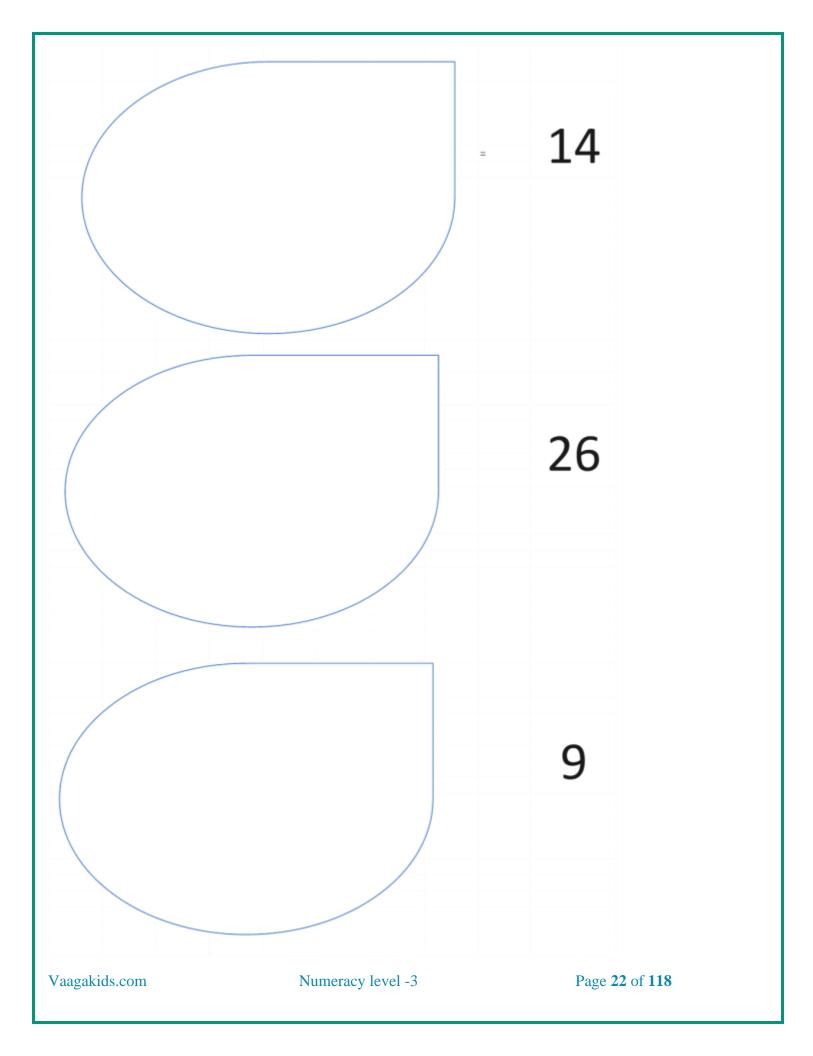
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Seventy-Two		=	
Vineteen		=	
wenty-Three		=	
fundred		=	
Thirty-Nine		=	
Forty-Seven		=	
Eighty-Eight		=	
fixty Four		=	
<b>Fhirteen</b>		=	
ifty Nine		=	
Forty-Six		=	
jixty One		=	
aagakids.com	Numeracy level -3	Page <b>18</b> of <b>11</b>	Q

write the num	<u>eer name (</u>	of the following.	
647	=	Six Hundred and forty seven	
201	=		
428	=		
406	=		
510	=		
749	=		
596	=		
111	=		
442	=		
214			
916	=		
350	=		
227	=		
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Re	ad aloud								
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200

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Fill in the missing numbers.

201	202	203	204	205				209	210
	212	213		215	216		218		220
221		223		225		227			230
231			234		236		238	239	240
241	242	243		245	246	247			
	252		254					259	260
			264			267	268		
271				275		277		279	280
281	282		284			287		289	
291			294	295		297	298		300

<u>Fill in th</u>	<u>e missi</u>	ng numl	<u>pers.</u>				
333	334	335					
100	200			500			
816	818	820					
50	100	150					
111	121	131					
0		4	6	8			
432	435	438					
999	888	777					
210	310	410					
415	420	425					
63	65	67					
228	231	234					
816	821	826					
0	8	16					
367	368	389					
678	688	698					
90	80	70					
655	660	665					
97	107	117					
545	546	547					
954	955	956					
112	113	114					

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## Unit 4 - Hundreds, Tens, and Ones

Hundreds	Tens	Ones
1	3	2
Niuma	har 1	22
Num	ber 1	.32

Hundreds	Tens	Ones
2	4	6
Num	ber 2	46

Hundreds	Tens	Ones
7	5	8
Num	nber 7	'58

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Ē	<u>Fill in the HTO columns</u>										
	Hundreds	Tens	Ones		Hundreds	Tens	Ones		Hundreds	Tens	Ones
	5	6	8		9	7	2		2	0	4
	Nu	mber			Nu	mber			Nu	mber	

Hundreds	Tens	Ones		Hundreds	Tens	Ones	Hundreds	Tens	Ones
9	9	9		7	4	1	1	9	6
Nu	Number			Nu	mber		Nu	mber	

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Hundreds		
5	0	4
λ.	lumber	
N	unver	

Hundreds	Tens	<mark>Ones</mark> 9
7	1	9
N	lumber	·

Hundreds	Tens	
6	9	3
<b></b>		
λ	lumber	^

lundreds	Tens	Ones
3	9	0
N	umber	

Hundreds	Tens	Ones
8	7	0
N	lumber	

tundreds	Tens	<mark>Ones</mark> 2
6	5	2
Nı	ımbei	r i i

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

123	11	Hundreds	Tens	Ones Ones
345	11	Hundreds	Tens	Ones
870	11	Hundreds	Tens	Ones
316	11	Hundreds	Tens	Ones
709	11	Hundreds	Tens	Ones
531	11	Hundreds	Tens	Ones
679	11	Hundreds	Tens	Ones

#### Try this.

What is 100 + 30+3 =

What is 700+50+7 =

What is 80 + 3=

<u>What is 70+5 =</u>

What is 600 + 70+5 =

What is 400+30+1 =

<u>What is 100 + 80 + 7 =</u>

What is 500+40+9 =

<u>Count l</u>	Count backwards from 334 till the last square												

Answer the following											
451	=	4	н	5	Т	1	0				
670	=		н		Т		0				
156	=		Н		Т		0				
600	=		Н		Т		0				
710	=		Н		Т		0				
916	=		Н		Т		0				
575	=		н		Т		0				
781	=		Н		Т		0				
411	=		Н		Т		0				
490	=		Н		Т		0				
373	=		Н		Т		0				
911	=		н		Т		0				
764	=		н		Т		0				
663	=		н		Т		0				
854	=		н		Т		0				
198	=		Н		Т		0				
695	=		н		Т		0				
777	=		н		Т		0				
429	=		н		т		0				
509	=		н		Т		0				

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<u>Unit i</u>	Init 5 Add in columns															
		H	T	0		H	Т	0		#	T	0		#	3	0
			2	4			D	4		1	1	4			D	7
	+		1	5	+		9	3	+		7	D	+		9	1
		H	T	0		#	Т	0		#	T	0		H	T	0
		3	D	4		8	9	D		5	6	D		7	D	4
	+	2	7	1	+	1	D	9	+	2	1	3	+	2	6	1
		#	T	0		++	Т	0		#	T	0		#	Т	0
		5	6	4		5	4	4		3	4	1		7	4	D
	+		2	1	+		1	D	+		4	3		1	D	1
		++	Т	0		++	Т	0		#	T	0		#	Т	0
		7	1	4		6	5	3		4	D	5		1	2	1
	+	1	4	1	+	1	4	D	+	3	D	5		3	4	2

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## Add in columns

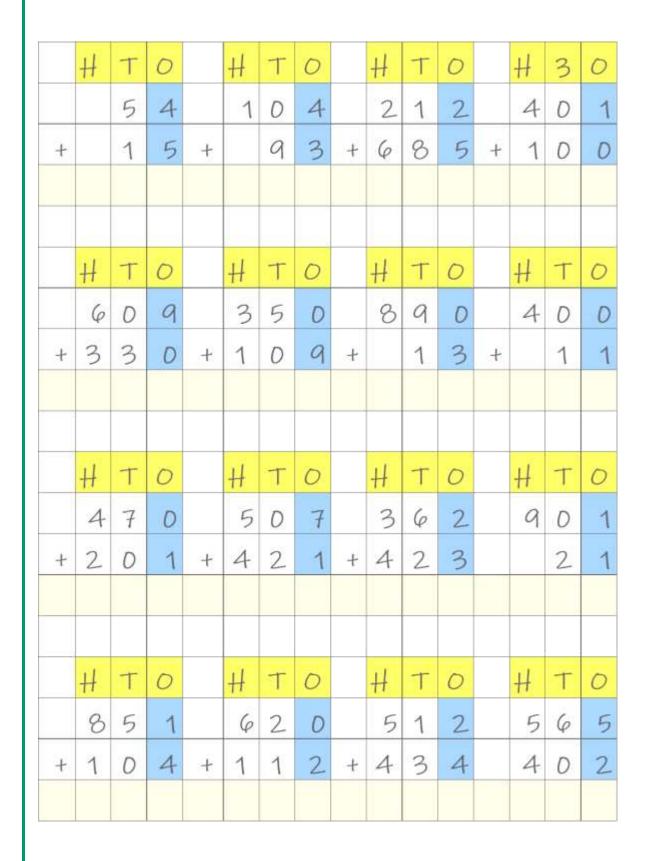
	++	T	0		++	Т	0		++	Т	0		++	3	0
		5	4		1	D	4		2	1	2		4	D	1
+		1	5	+		9	3	+	6	8	5	+	1	D	D
	#	T	0		++	Т	0		++	Т	0		#	Т	0
	5	D	D		7	D	3		8	9	D		4	D	D
+	3	3	2	+	1	D	9	+		1	3	+		1	1
	++	T	0		++	Т	0		H	Т	0		++	Т	0
	4	7	D		4	D	7		3	7	2		9	D	1
+	2	D	1	+	4	D	1	+	3	2	3		4	2	1
	#	Т	0		++	T	0		#	Т	0		++	Т	0
	7	D	D		3	2	1		4	D	5		7	9	D
+	1	D	4	+	1	1	2	+	6	3	4				D

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#### Add in columns

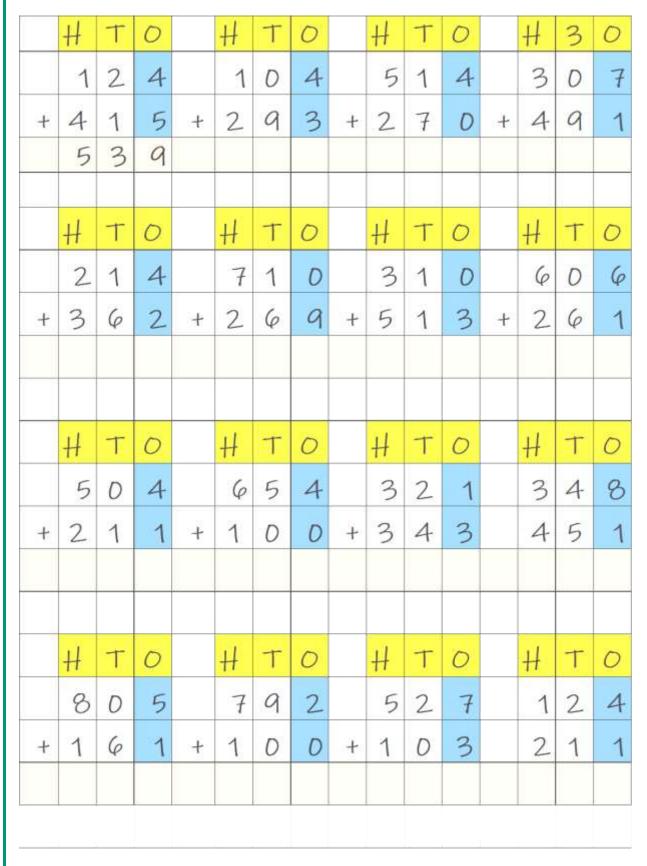


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#### Add in columns



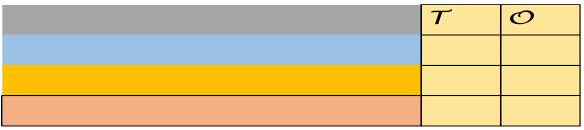
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## Try these.

Tom has 26 marbles. Sam gave him 32 more. How many does Tom have now?



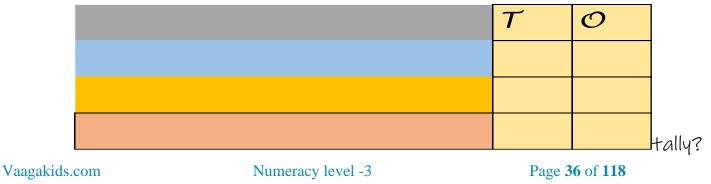
Emy has 14 chocolates. Her sister gave her 3 more. How many does she have now?

Τ	О

In my class there are 33 boys and in my sisters' class there are only 12 boys. How many boys in both the classes together ?

Τ	O

In a zoo there were 22 monkeys and 64 donkeys. How many monkeys and donkeys are there to



# Try these . [Horizontal addition

	+ • • • •		101100	NTAL	
2	+	5	=		
6	+	2	=		
3	+	1	=		
8	+	1	=		
3	+	6	=		
1	+	4	=		
0	+	5	=		
4	+	3	=		
3	+	3	=		
6	+	2	=		
4	+	5	=		
5	+	4	=		
8	+	1	=		
9	+	0	=		
7	+	2	=		
		0	=		
1	+	0	=		
4	+	0	=	8	
		0		8 9	
4	+		=		
4 5	+ +		=	9	
4 5 3	+ + +		= = =	9 6	
4 5 3 8	+ + + +		= = = =	9 6 9	
4 5 3 8 2	+ + + +		= = = = =	9 6 9 9	
4 5 3 8 2 0 4 1	+ + + + + +		= = = = = =	9 6 9 9 9	
4 5 3 8 2 0 4 1 2	+ + + + + + +		= = = = = = =	9 6 9 9 4 8 8 8 9	
4 5 3 8 2 0 4 1 2 3	+ + + + + + + + + + + +		= = = = = = = =	9 6 9 9 4 8 8 8 9 7	
4 5 3 8 2 0 4 1 2 3 3 4	+ + + + + + + + + + + + +		= = = = = = = =	9 6 9 9 4 8 8 8 9 7 7 6	
4 5 3 8 2 0 4 1 2 3 4 5	+ + + + + + + + + + + + + +			9 6 9 9 4 8 8 8 9 7 6 10	
4 5 3 8 2 0 4 1 2 3 4 5 6	+ + + + + + + + + + + + + + +			9 9 9 4 8 8 9 7 6 10 7	
4 5 3 8 2 0 4 1 2 3 4 5 6 7	+ + + + + + + + + + + + + + + + +			9 6 9 9 4 8 8 9 7 6 10 7 7 7	
4 5 3 8 2 0 4 1 2 3 4 5 6	+ + + + + + + + + + + + + + +			9 9 9 4 8 8 9 7 6 10 7	

4	+	4	=	
5	+	5	=	
	+	3	=	
3 8 2 0 4	+			
2	+	1 5 7 3	ш	
0	+	7	=	
4	+	3	Ш	
1 2 3	+	6	Ш	
2	+	3	Π	
3	+	5	Ш	
4	+	3	=	
5	+	4	Π	
6	+	3	Ш	
7	+	2	Ш	
9	+	2 0 0 1	=	
9 2 3	+	0	II	
3	+	1	Ш	

1	+	2	=	
1	+	3	=	
1	+	4	=	
1	+	5	=	
1	+	6	=	
1	+	7	=	
1	+	8	=	
1	+	9	=	
1	+	10	=	
1	+	11	=	
1	+	12	=	
1	+	13	=	
1	+	14	I	
1	+	15	I	
1	+	16	=	

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<u>Unit 6 - Numeration 2 -</u> WHAT COMES AFTER				
25	129			
67	325			
98	423			
45	826			
62	221			
79	245			
99	627			
45	530			
37	622			
22	728			

WHAT COMES AFTER	
931	245
235	675
833	456
137	977
538	306
640	214
823	567
663	832
304	543
232	305

WHAT (	COMES AFTER			
	559		509	
	<u>345</u>		675	
	622		894	
	765		383	
	896		444	
	342		780	
	109		546	
	673		321	
	450		560	
	789		889	

WHAT	COMES IN BETWEE	N	
	19		21
	13		15
	11		13
	16		18
	14		16
	20		22
	18		20
	17		19
	12		14
	15		17

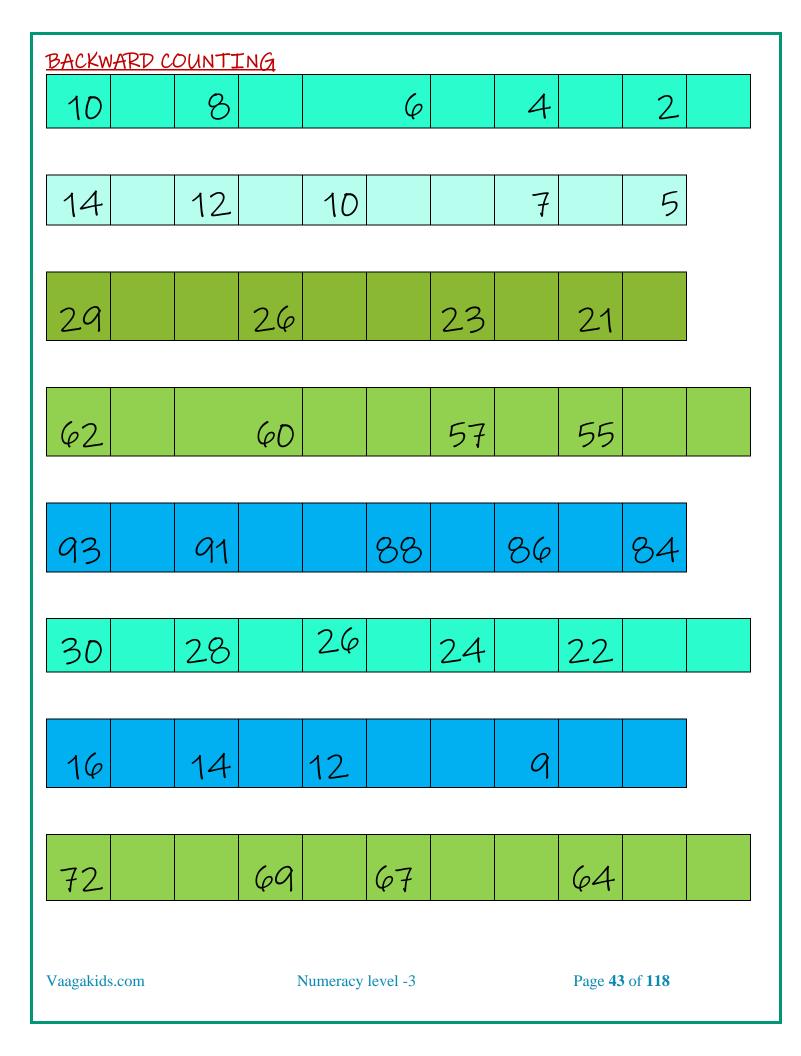
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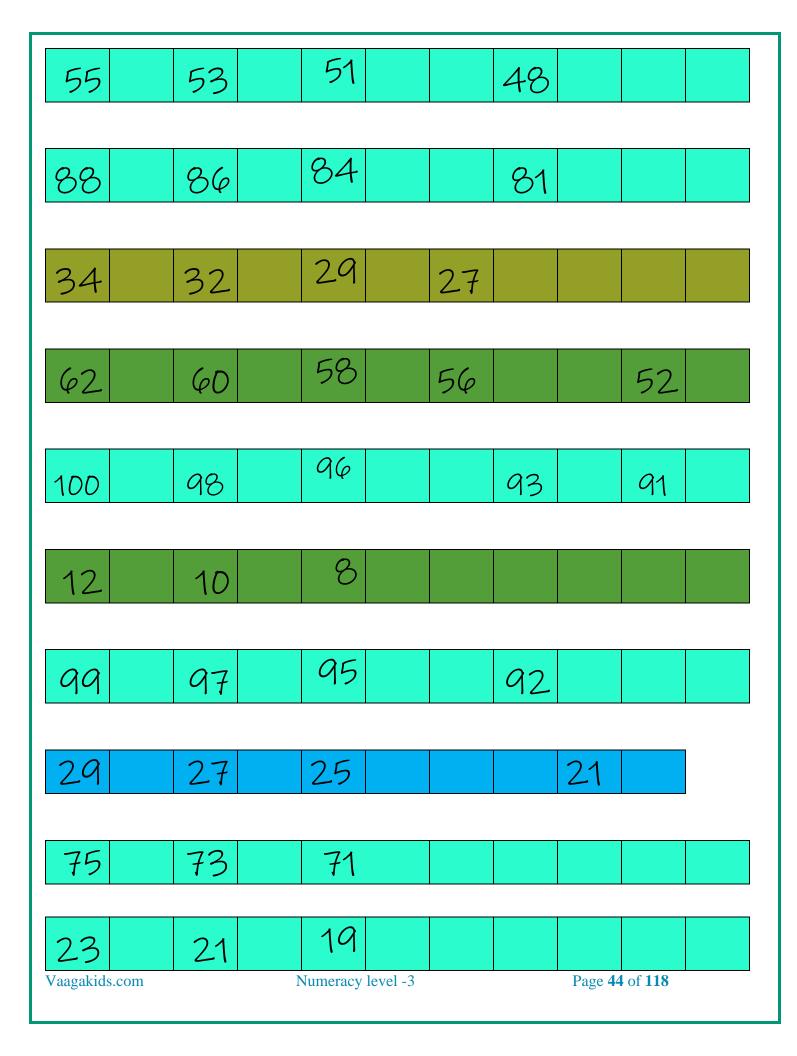
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931	933
235	237
833	835
137	139
538	540
640	642
823	825
663	665
304	306
232	234

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WHAT COMES BEFORE	
581	509
367	675
644	894
787	383
918	444
364	780
131	546
695	321
472	560
811	889

# <u>Fill in the gaps</u>

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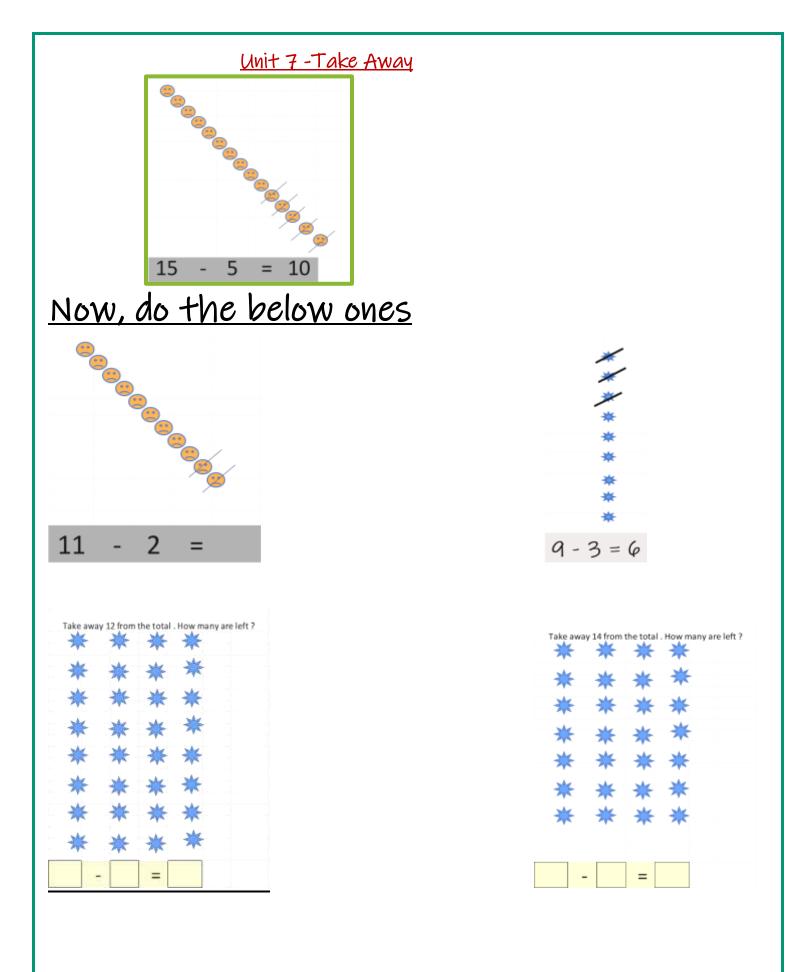
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136		134		132				
375	374		372					367
967	966			963		961		959
648	647					642		
333	332		330		328			325
144		142		140				
720		719	718		716		714	
403		401		399				
510	509	508		506		504		502
767	766			763		761		759
850	849					844		

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Try	The	<u>50</u>													
	H	T	0		H	T	0		H	T	0		H	T	0
	7	6	8		8	7	8		7	7	6		4	4	5
-	2	2	3	-	5	1	D	-	6	2	4	-	3	2	3
		4	5			1	8			5	2			2	2
	H	T	0		H	T	0		H	Ŧ	0		H	T	0
	7	5	6		5	8	2		7	q	4		5	6	3
-	2	5	6	-	2	7	D	-	1	8	2	-	3	2	3
	H	T	0		H	T	0		H	T	0		H	T	0
	6	D	5		6	4	3		q	D	6		6	7	7
-	3	2	4	-	2	3	2	-	6	D	3	-	2	5	5
	H	T	0		H	T	0		H	T	0		H	T	0
	7	8	5		6	q	D		q	D	D		୫	D	D
-	5	4	3	-	4	3	D	-	q	D	D	-	7	D	D
	H	T	0		H	T	0		H	T	0		H	T	0
	8	7	7		4	3	2		4	3	8		6	5	4
-	3	2	1	-	4	3	2	•	1	D	5	•	3	5	2

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<u>Try these</u>

	H	T	0		H	Т	0		H	T	0		#	3	0
-	9	9	9		6	5	4		7	D	D		7	2	4
-	1	1	2	25	5	4	2	-	7	D	D	3	7	D	4
	#	T	0		#	Т	0		#	T	0		#	T	0
	5	6	4		8	2	1		3	4	2		6	2	1
		6	3	-	4	1	D	-	2	1	1	-	3	1	1
-	11	+	~		#	Т	0		#	Т	0		11	Т	0
	#	T	0		#	1	U		11		U		H		U
	<del>  </del> 7	8	6		7	4	3		5	6	4		# 8	4	9
2				e.				,							
1	7	8	6	-	7	4	3	-	5	6	4		8	4	9
	7	8	6		7	4	3		5	6	4		8	4	9
1	7	8	6	-	7	4	3	1	5	6	4	1	8	4	9
	7 4	8	6		7	4	32		5	62	4		87	4	9
	7 4 H	8 4 T	6	1	7	4 3 T	3 2 0	1	5 5 <del>1</del>	6 2 T	4 2	1	8 7 H	4 3 T	9
	7 4 H 9	8 4 T 3	6 4 0 1	1	7 1 <del>  </del> 1	4 3 T 3	3 2 0 0		5 5 <del>  </del> 6	6 2 T 1	4 2 0 8		8 7 <del>1</del> 5	4 3 T 4	9

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<u>Try these</u>

	#	T	0		H	Т	0		H	T	0		#	3	0
	9	9	9		6	5	4		7	D	D		7	2	4
4	1	1	2	24	5	4	2	-	7	D	D	-	7	D	4
				2				-							
	H	Т	0		#	Т	0		#	T	0		H	T	0
	5	6	4		8	2	1		3	4	2		6	2	1
چ		6	3			1	D		2	1	1	-	3	1	1
	H	T	0		#	Т	0		#	T	0		#	Т	0
	T		U		11		~		11		-		11		
	π 7	8	6		7	4	3		5	6	4		8	4	9
2															
	7	8	6		7	4	3		5	6	4		8	4	9
	7	8	6		7	4	3		5	6	4		8	4	9
	7	8	6		7	4	3		5	6	4		8	4	9
	7 4	8	6		7	4	32		5	62	4		87	4	9 6
	7 4 H	8 4 T	6		7	4 3 T	3 2 0		5 5 <del>1</del>	6 2 T	4 2 0		8 7 H	4 3 T	9 6
	7 4 H 9	8 4 T 3	6 4 0		7 1 <del>  </del> 1	4 3 T 3	3 2 0 0		5 5 <del>1</del> 6	6 2 T 1	4 2 0 8		8 7 <del>1</del> 5	4 3 T 4	9 6

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Numeracy level -3

# Try these.

1. There are 9 birds on a tree. 3 of them flew away. How many are left?

T	O

2. I have 42 marbles. I gave 12 to my friend. How many do I have now?

T	O

3. <u>Dista has 24 kites</u>. out of that 4 kites tore. How many are good kites <u>are left with Dista?</u>

T	O

4. There ere 456 trees in the forest. The woodcutter cut 123 trees. How many are left now?

		T	Ø
Vaagakids.com	Numeracy level -3	Page 52	of <b>118</b>

<u>Put greater than, lesser than or equal to as</u> <u>appropriate. [< ,>, =]</u>

127	270	56	7 456
900	800	444	4 587
235	235	123	3 321
764	623	50	6 560
675	875	34	5 543
689	986	79	9 78
33	35	21	3 118
639	39	310	6 326
204	304	289	9 129
106	601	60	1 601

<u>Put greater than, lesser than or equal to as</u> <u>appropriate. [< ,>, =]</u>

870	670	100	110
456	650	432	234
786	653	167	761
213	113	777	717
459	567	431	430
983	938	654	546
321	321	512	325
914	411	904	977
438	129	753	355
235	823	357	823

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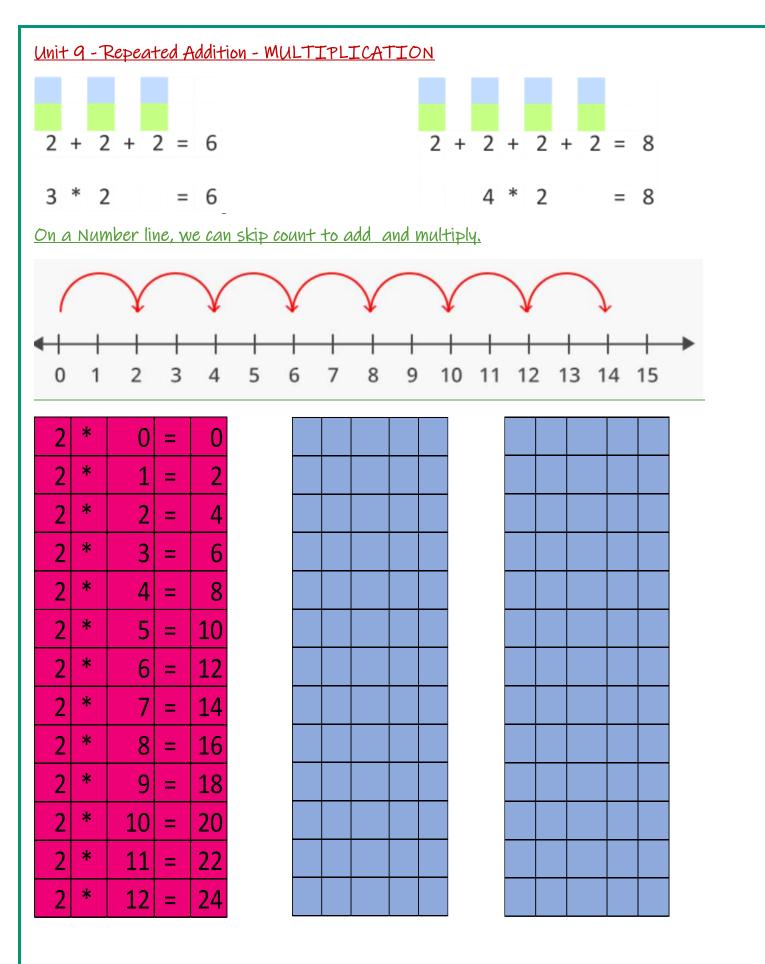
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<u>Put greater than, lesser than or equal to as</u> appropriate. [< ,>, =] 2010 + 1026 25 - 19 3 + 37 + 2 + 111 10 + 2010-10 100 40 + 20500 250+1900 90 20-610 + 35 + 1536

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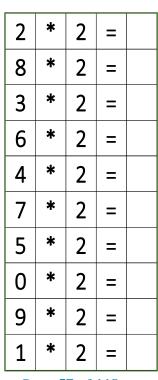


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<u>Write 2 times table.</u>								

### Try this

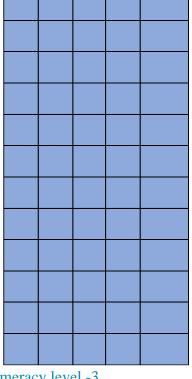


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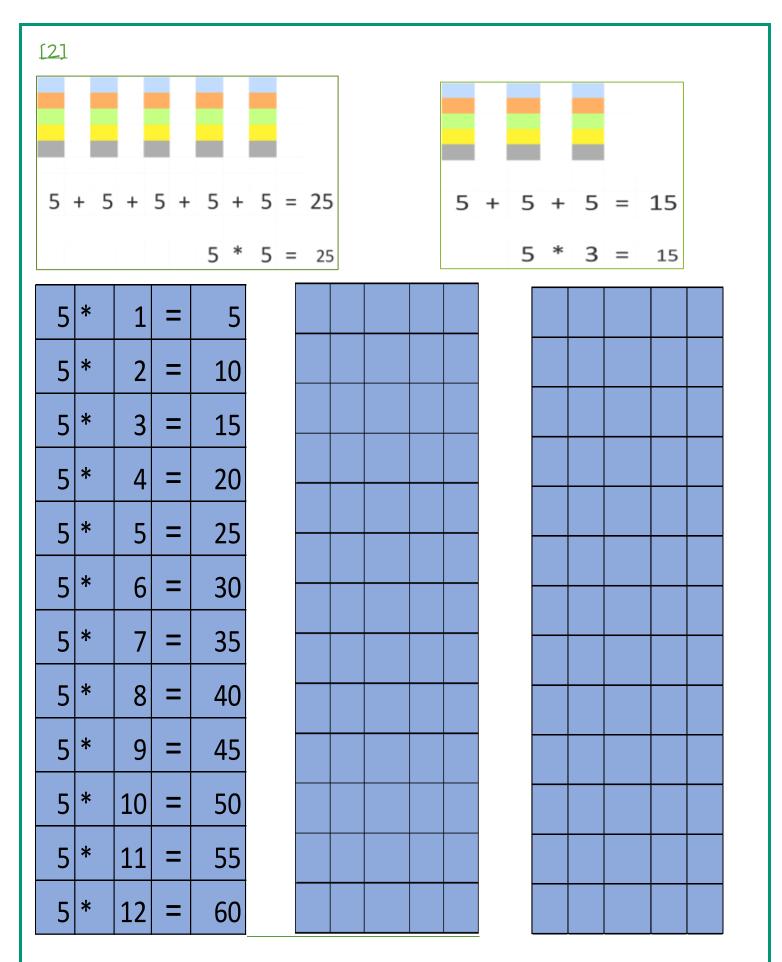
Any number multiplied by 1 is the same number.

1	*	1	=	1
2	*	1	=	2
3	*	1	=	3
4	*	1	=	4
5	*	1	=	5
6	*	1	=	6
7	*	1	I	7
8	*	1	II	8
9	*	1	II	9
10	*	1	II	10
11	*	1	II	11
12	*	1	=	12

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### Numeracy level -3



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# Tables of 10.

10	*	1	Ξ	10
10	*	2	Η	20
10	*	3	Π	30
10	*	4	Π	40
10	*	5	Ξ	50
10	*	6	=	60
10	*	7	Ξ	70
10	*	8	=	80
10	*	9	Ξ	90
10	*	10	Π	100
10	*	11	=	110
10	*	12	Π	120

_	_	

# Practice 2, 5 and 10 tables.

	-	

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Write the answers:
--------------------

10	*	1	=
5	*	12	=
2	*	10	=
5	*	3	=
2	*	2	=
10	*	12	=
1	*	4	=
2	*	8	=
5	*	2	=
10	*	6	=
5	*	0	=
2	*	3	=

10	*	5	II	
5	*	8	=	
2	*	2	=	
1	*	9	=	
5	*	6	=	
2	*	8	=	
1	*	2	=	
5	*	0	=	
10	*	10	H	
5	*	2	=	
2	*	7	=	
1	*	0	=	

Put greater than, lesser than or equal to sign .

2 *10
4*5
7*5
3*5
3*5
8*5
5*9
7*1
4*5
100

Three times five is = Any number multilpied by 0 is = Five times five is = One lesser than ten times ten is = Seven times five is equal to five times seven . T or F A hundred times one is = 4 \* 2 is equal to 2 times four . Tor F

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1

2

5

1

2

5

10

1

5

2

5

1

3

6

7

8

9

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4

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4

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7

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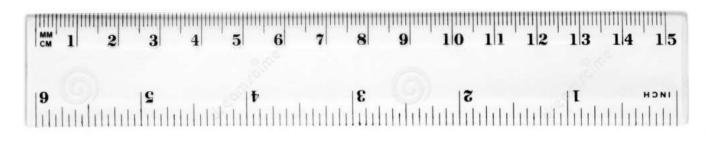
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## Unit 10 - MEASUREMENT - LENGTH

Length is a measurement, which **shows us the distance between two points**. It also measures how long an object is, its height, and its width

<u>The standard unit for measurement is:</u> Cm, M, and Km

Cm stands for Centimeter M stands for Meter Km stands for Kilometer



This ruler has 15 cms Each centimeter is divided into small sections called millimeters



1. Where is the arrow pointing? <u>5</u> CMS

 MM
 1
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12
 13
 14
 15

 9
 2
 5
 6
 7
 8
 9
 10
 11
 12
 13
 14
 15

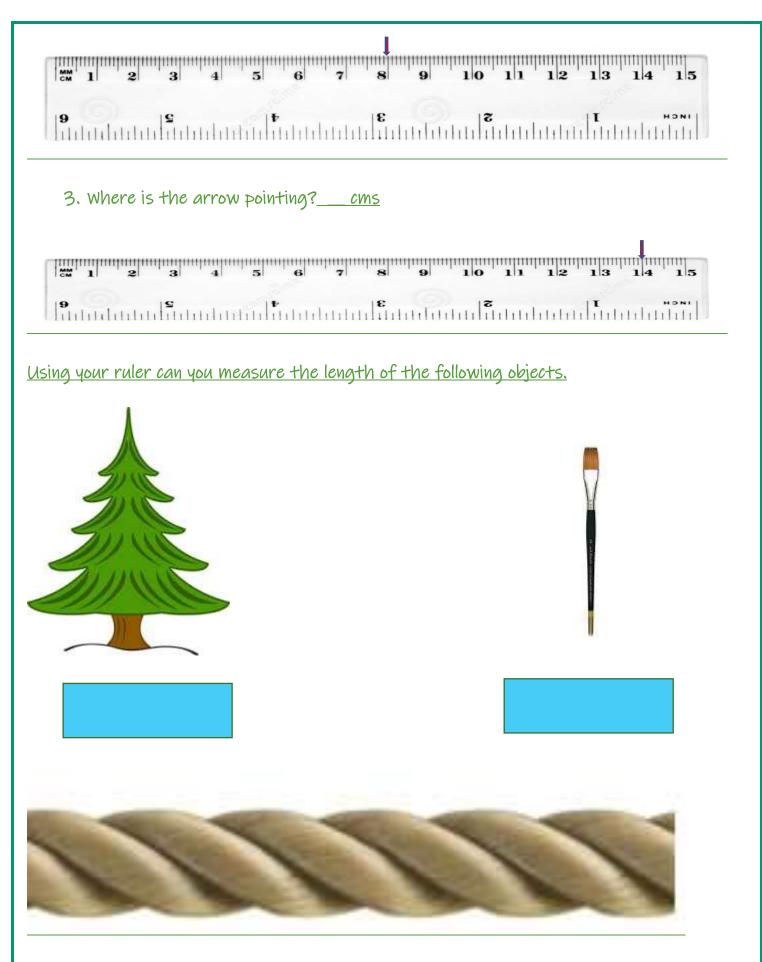
Answer the following.

2. Where is the arrow pointing? \_\_\_\_ CMS

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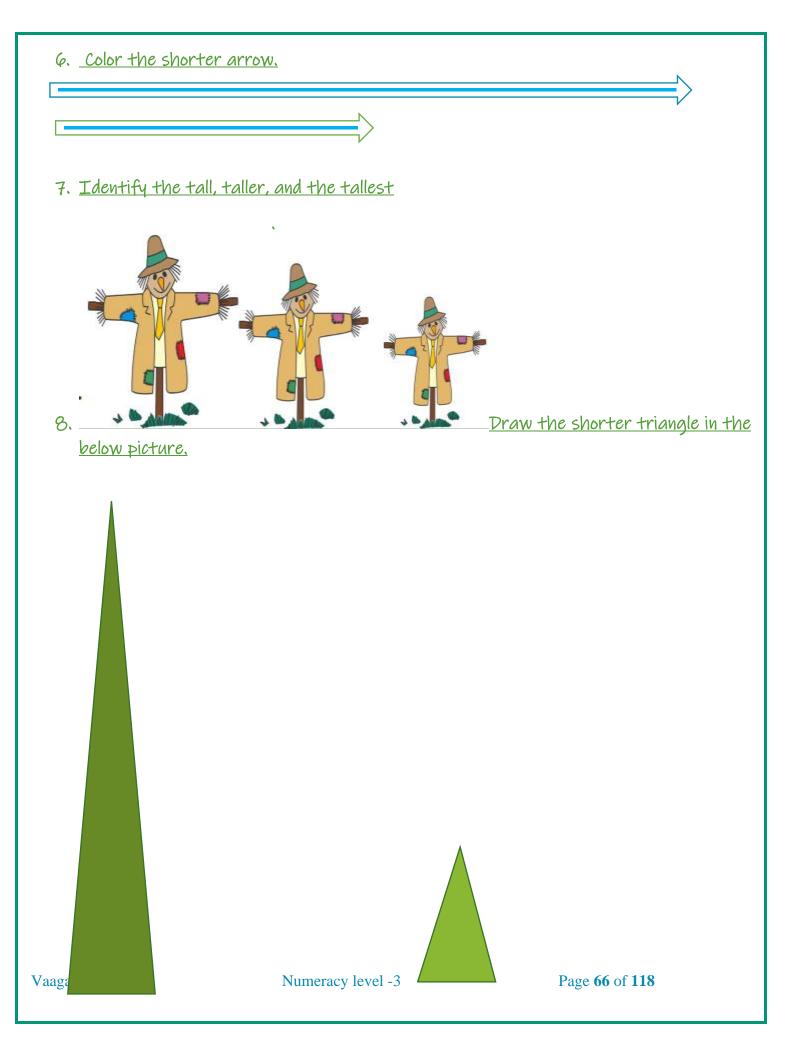


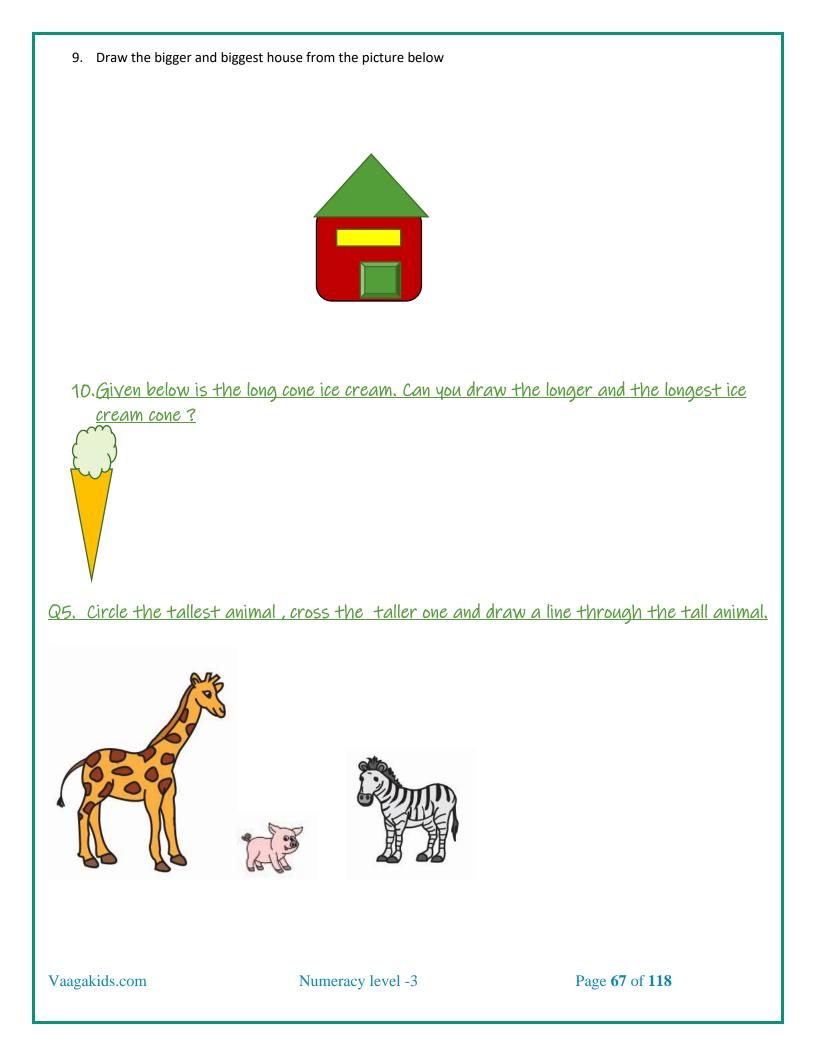
# ill in the gaps 1. The length of your eraser will be approximately cm [2 cm. 25 cm] 2. The length of your blackboard will be approximately \_\_\_\_\_ cm [4 cm, 150 cm] 3. The length of your socks will be approximately cm [1 cm. 15 cm] 4. The length of your pencil will be approximately \_\_\_\_\_ cm [20 cm, 5 cm] 5. which is the shortest cylinder? color. which is the Longest cylinder? color. Which color cylinder is shorter than the green cylinder? 5. Circle the flower with the longest stem.

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### Q6. Identify the tall, taller, and the tallest



### 20. Can you answer.....

- a. What is the measure of one side of your pencil box.
- b. Is your home closer to your school or the sun?
- c. Which is closer to you. the sun or your school ?\_\_\_\_\_
- d. Is your father taller than your younger brother?
- e. Can you measure any window of your house and write the measurement below .
- f. Can you draw your family below and write their heights

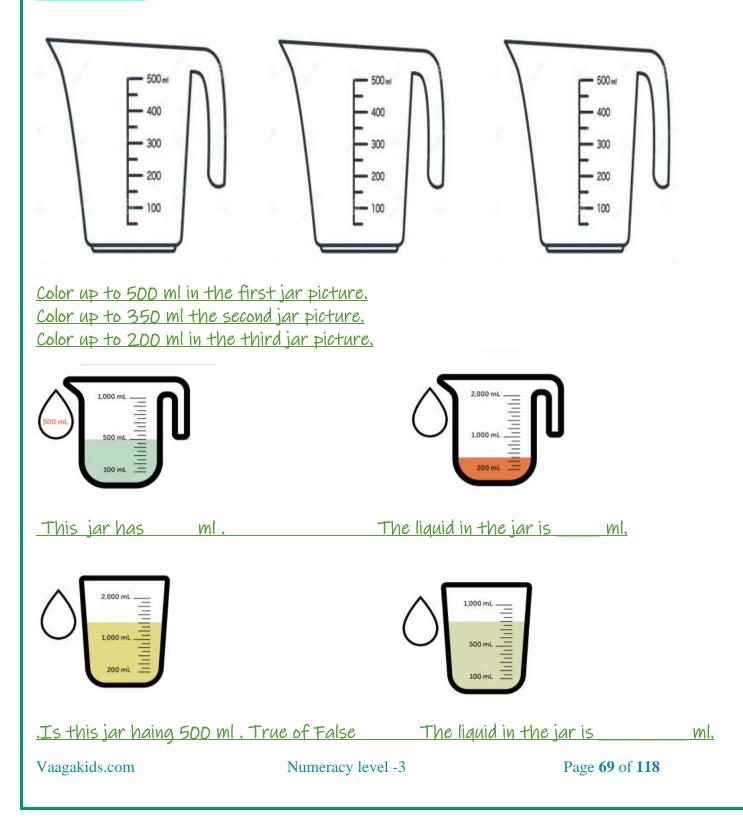
### Unit 11 - MEASUREMENT - Volume

We measure liquids in liters and milliliters.

Liters and milliliters are metric units of volume which are used to measure the capacity of a liquid. The capacity of a liquid can be measured in milliliters, centiliters, liters and kiloliters.

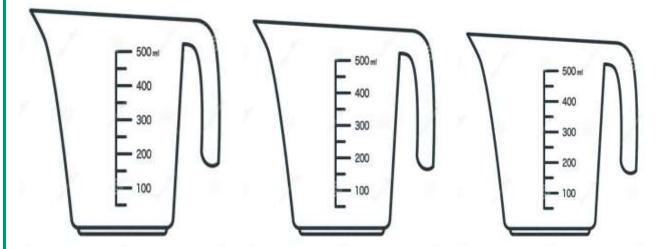
A liter is denoted with the letter 'l' or L. Milli liter is denoted by ml or ML

### 1000ml = 1 litre



#### Can you answer.....

- g. Which is heavier? Your water bottle or the water tank at your home?\_\_\_\_\_
- h. Which has more liquid in it? One bottle full of milk or one teaspoon of medicine .\_\_\_\_
- i. Which has more liquid. a bucket full of water or your water bottle
- j. Which has less liquid, the swimming pool or the water tank on your terrace
- k. Which has more water in it. The kids pool or the adult pool



<u>Color the first jar up to 100 ml</u>. <u>Color the second jar up to 400 ml</u> <u>Color he third jar up to 250 ml</u>

### TRY THESE.

What is 100 ml plus 100 ml? \_\_\_\_\_

Which is greater 400 ml or 40 ml? \_\_\_\_\_

How much ml does your water bottle contain? \_\_\_\_\_-

20ml +20ml+20ml =

How many milliliters make one liter ?\_\_\_\_\_

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# Unit 12 - MEASUREMENT - WEIGHT Weight is the amount of matter present in the body. A body that has more weight is called heavy and a body that has less weight is called light. We measure the weight in Grams and Kilograms 1000g = 1 kilogram Q1. which is heavier? . TUM Q2. which is lighter? Q3.Circle the light animal? Q4. Can you answer..... 1. Which is heavier? Your school bag or your pencil pouch ?\_\_\_\_\_ 2. Is your eraser lighter or your notebook? 3. Is your father heavier or your baby brother? 4. Is the any heavier or a baby cat? 5. Can you weigh yourself and write the weight below. Vaagakids.com Numeracy level -3 Page 71 of 118

Can you draw your family below and write their weight

Draw lightest object from your pencil pouch here.



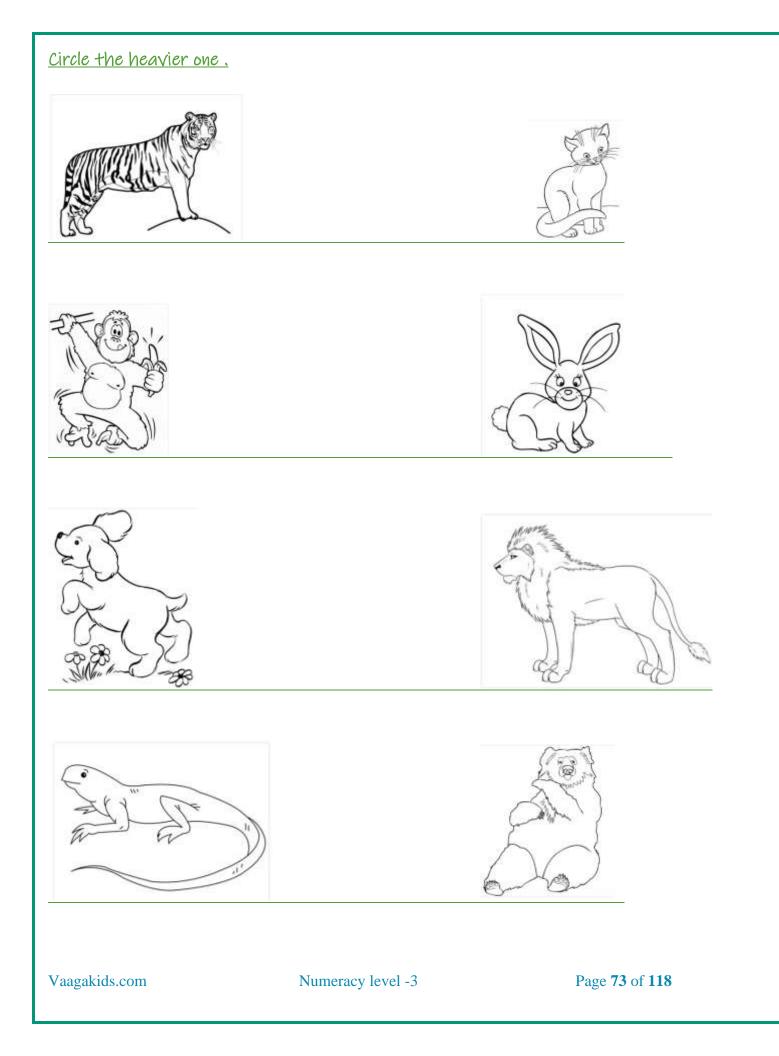
Draw the lightest object from your pencil pouch here.



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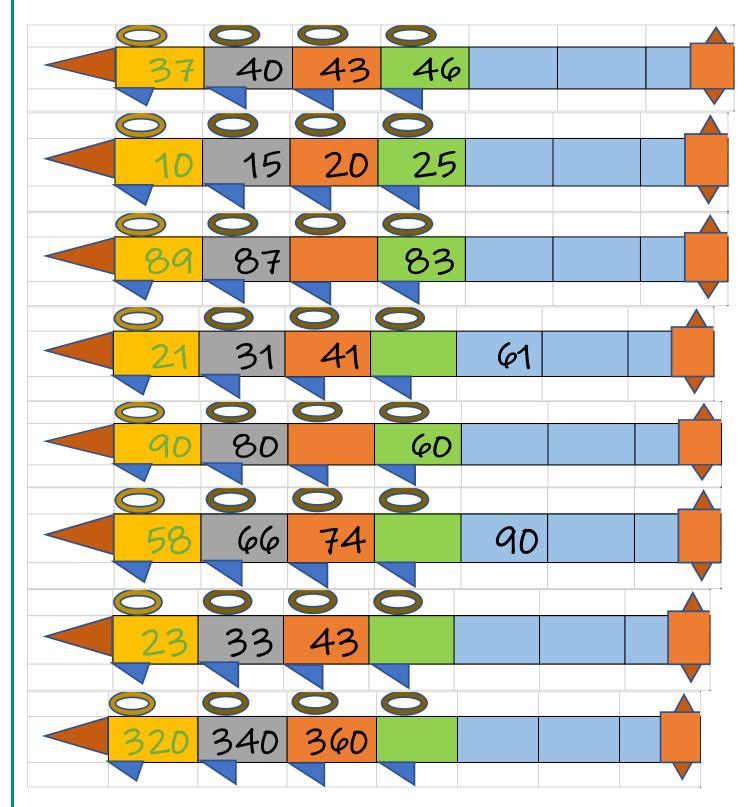
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#### Unit 13 - Patterns:

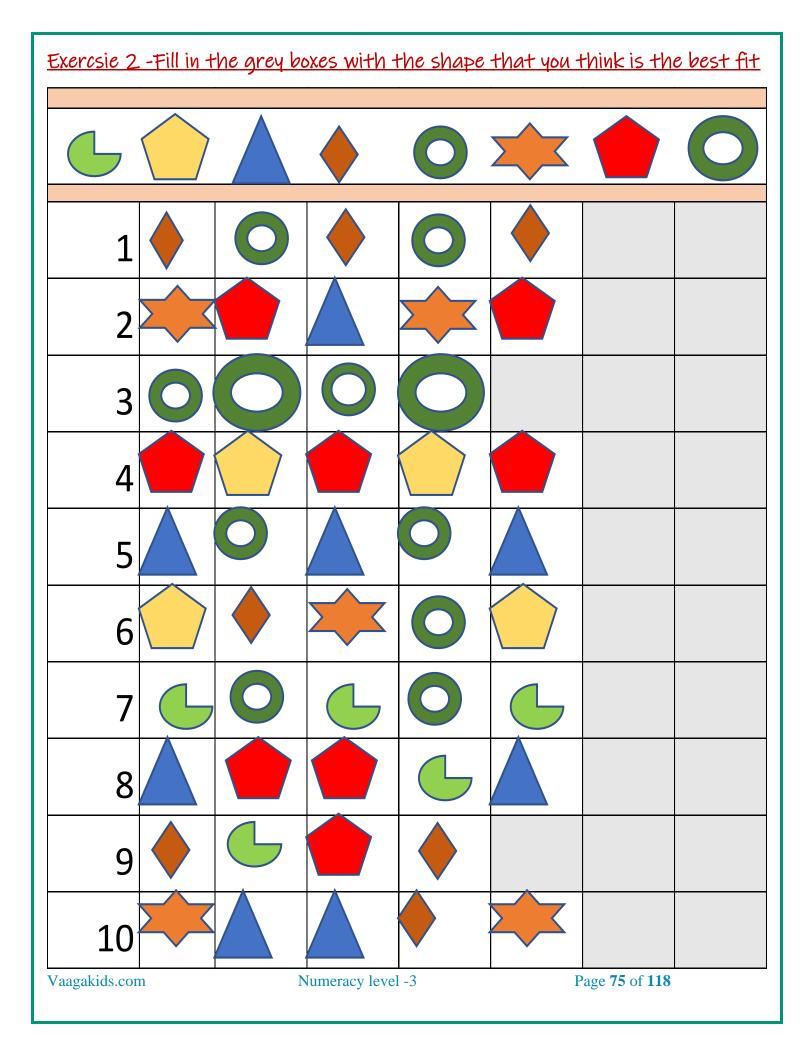
#### Exercsie 1 - See the pattern and fill in further.



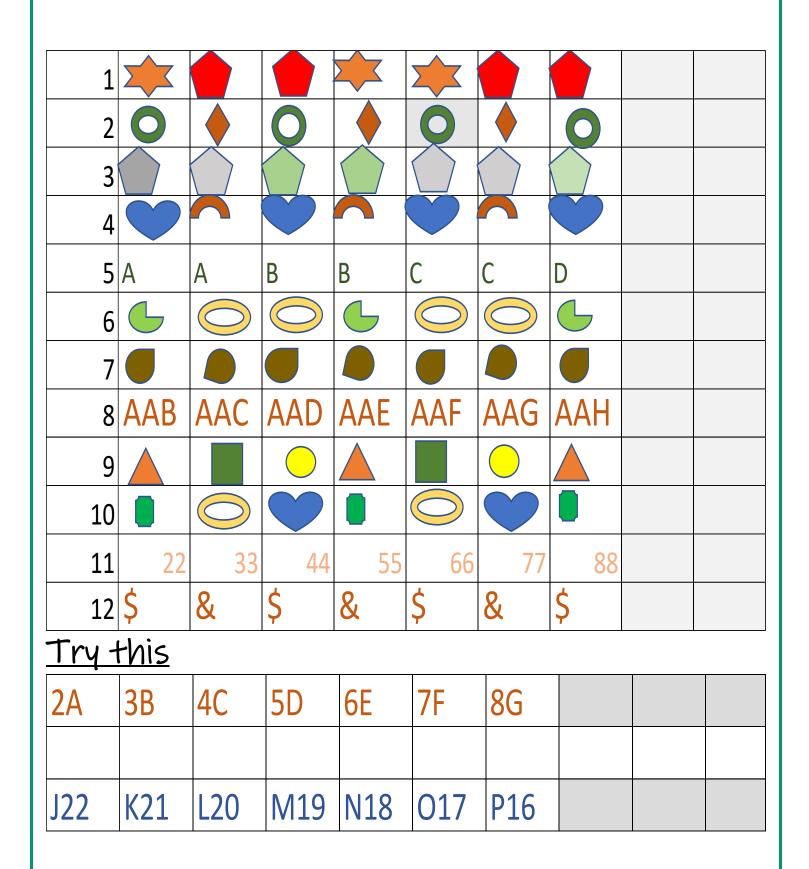
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## Exercise 3 - Fill in the grey boxes with the most appropriate pattern.



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A7	B8	<b>C</b> 9	D10	E11	F12	G13				
Ζ	Y	Х	W	V	U	Т				
38	36	40	42	44	46	48				
star	circle	star	circle	star	circle	star				
J1	K2	L3	M4	N5	06	P7				
204		304		404		504				
000		0000	•	0000						
75	80	85	90	95	100	105				
	1				Î					
3C	4D	5E	6F				10J	11K	12L	
Can	Can you make your own pattern.									

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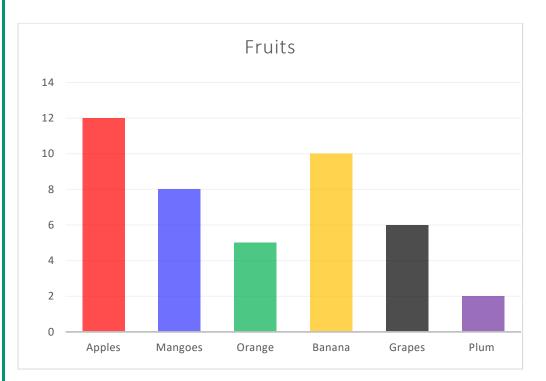
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## Unit 14- Data handling

<u>Exercise 1 -</u>

Look at the graph above and answer the questions;



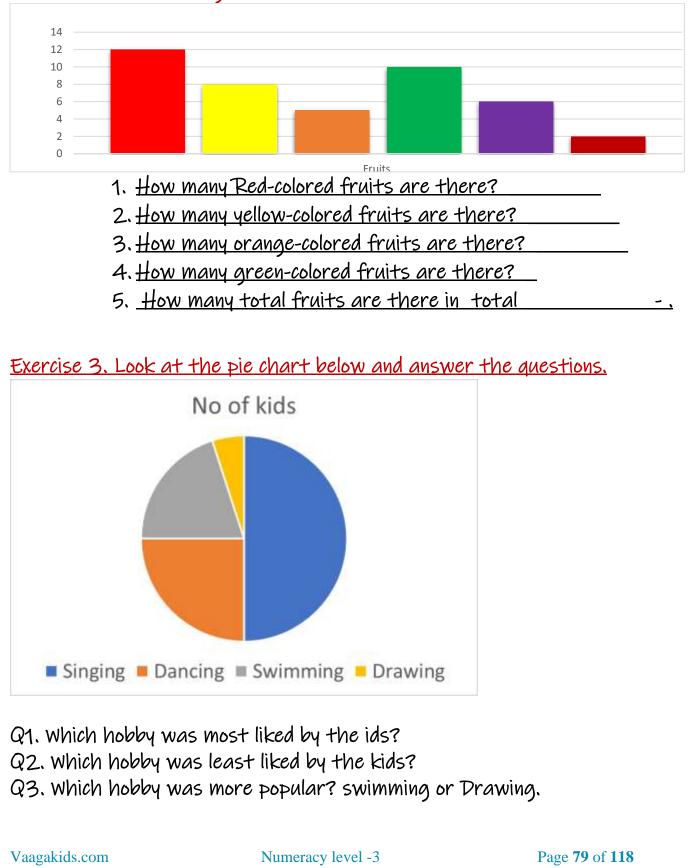
- 1. How many students are there in the Red house?
- 2. How many students are there in the Purple house ?
- 3. How many students are there in the Yellow house ?\_\_\_\_
- 4. How many students are there in the Green house?
- 5. How many students are there in the Blue house?
- 6. How many students are there in the Black house?
- 7. <u>How many students are there in the Red house</u> and Blue house <u>together?</u>
- 8. How any students does the Green house have more than the yellow house?
- 9. How many students are there in all in the Black and purple house?
- 10. How many students are there in the Yellow and Purple put together?

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### Exercise 2 - Look at the graph above and answer the questions;

### Numa has the following fruits.



Exercise 4 - See the table and answer the following questions.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	<b>6</b> D
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

How many 0's	
How many 1's	
How many 2's	
How many 3's	
How many 4's	
How many 5's	
How many 6's	
How many 7's	
How many 8's	
How many 9's	

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Exercise 5 - See the table and answer the following questions.

	How many letters do each fruit have . Write the number in the block provided.										
P	A	P	A	Y	A						
P	I	N	E	A	P	P	L	E			
С	и	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	N		
0	R	A	N	G	E						
S	T	R	A	W	В	E	R	R	Y		
R	A	S	В	E	R	R	Y				
	<b>6</b>		have fi								
How many fruit names have five letters ? How many fruit names have six letters ?											
How m	nany A's	in all th	e fruits	names?							
How m	nany R's	in all th	e fruits	names?							
How m	nany B's	in all ?									

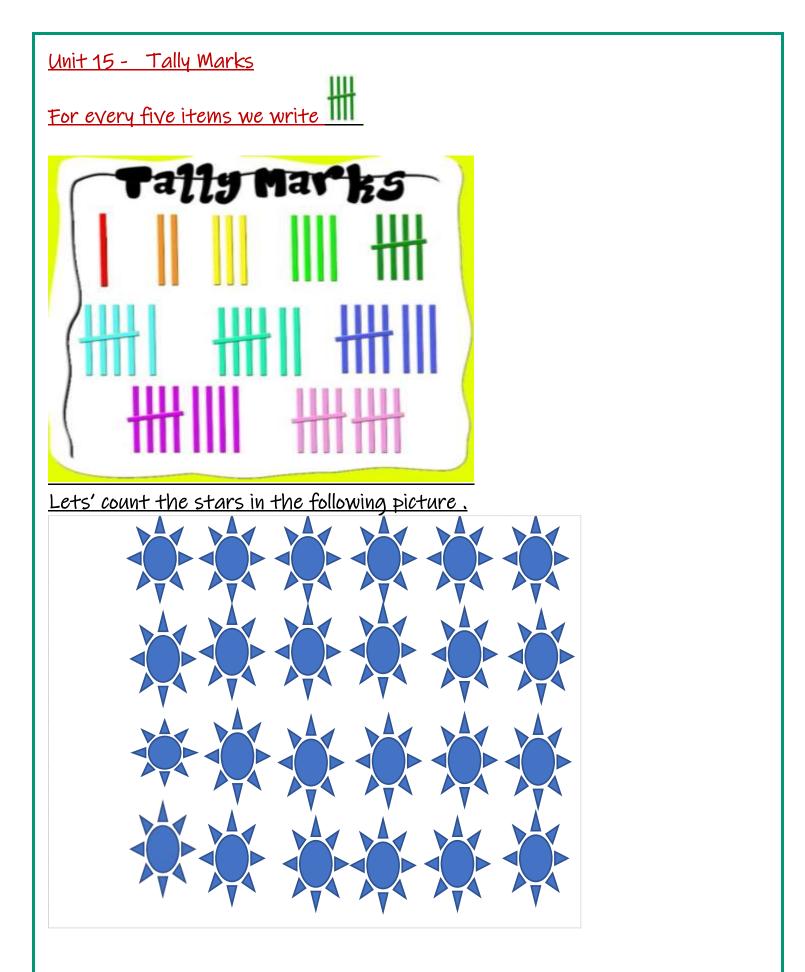
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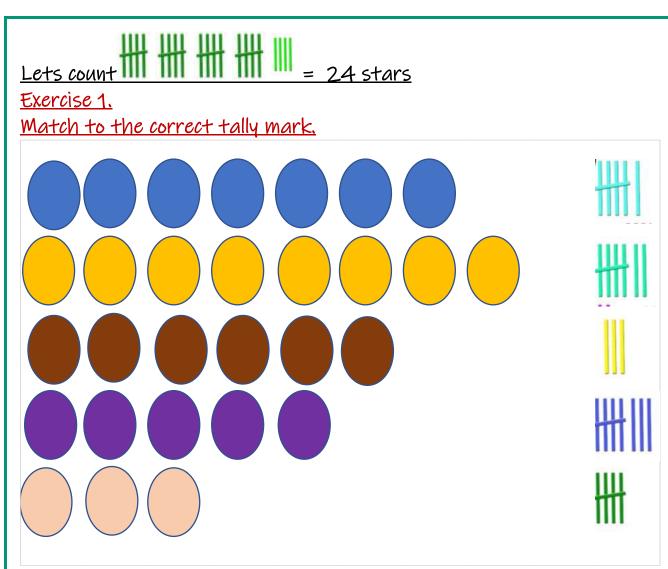
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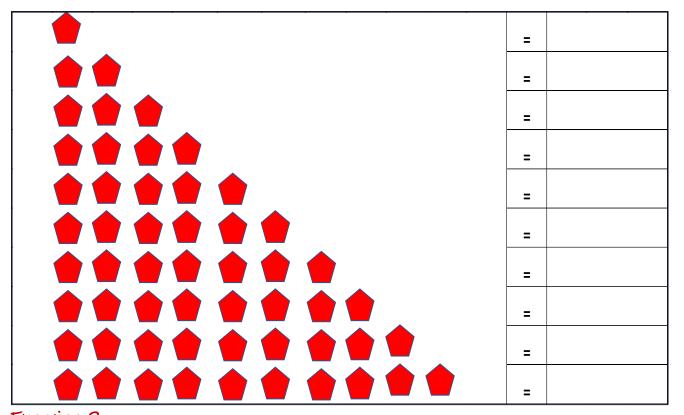


Exercise 2. Write the correct Tally Mark.

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Exercise 3. Write the numeral for the tally marks.

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Exercise 4. See the table and answer the followign questions.

Some students were asked about their favorite Ice cream flavor.

Their answers are shown below.

Flavors		Total				
Strawberry	HIT	HHT	ĦĦ	HIT		
Vanilla						14
Chocolate	<b>H</b>	HH	HIT	II		17
Mango	<b>H</b>	II				
Caramel	HIT	HH	II			
Coffee						22

Q1. Complete the Tally marks and the Totals in the table.

Q2. How many students like Strawberry flavor?

Q3. How many students like Mango flavor?

Q4. which flavor was the least popular?

Q5. How many students like Caramel flavor?

Q6. What was the most popular flavor?

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# Unit 16 - CALENDAR

<u>Hi there!</u>

Can you tell me which month your birthday falls in.

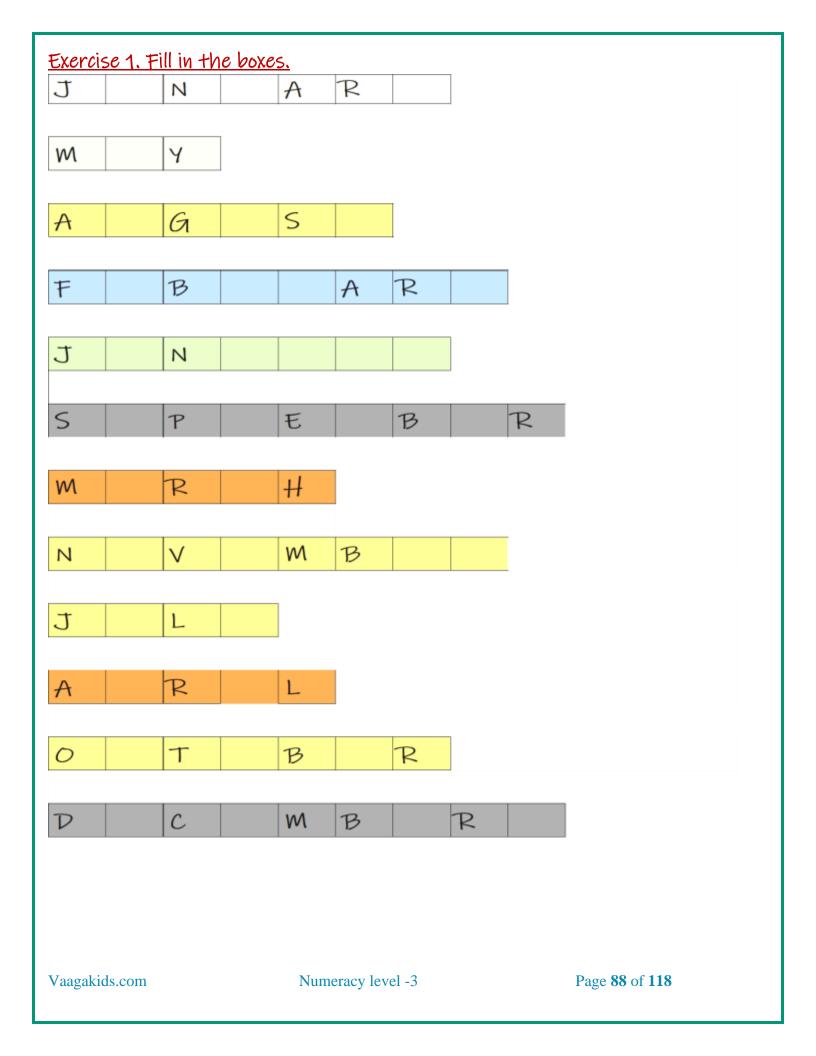
Can you tell me the date of your birthday?



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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?

which day comes after Sunday?

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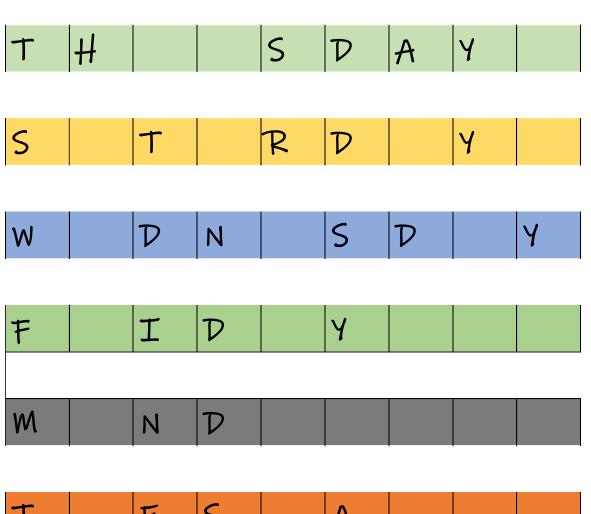
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# which day comes before Thursday?

# <u>Exercise 2.</u>

Fill in the blanks



Т	E	S	A		
S	N	D	Y		

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## Exercise 3 -

Look at the calendar below and answer the following questions.

	July									
Sun	Mon	Tue	Wed	Thu	Fri	Sat				
	1	2	3	4	5	6				
7	8	9	10	11	12	13				
14	15	16	17	18	19	20				
21	22	23	24	25	26	27				
28	29	30	31							

# Q1. How many days does July have?

Q2. What day is the 3rd of July?

Q3. How many Tuesdays are there this month?

Q4. How many Sundays are there in July?

Q5. Color all the Mondays blue and Saturdays?

QG. What day is the  $22^{nd}$  of the month?

Q7. How many Fridays are there in July?

## Exercise 4

Look at the calendar below and answer the following questions.

	February									
Sun	Mon Tue Wed Thu Fri Sat									
			1	2	3	4				
5	6	7	8	9	10	11				
12	13	14	15	16	17	18				
19	20	21	22	23	24	25				
26	27	28								

Q1. Which day does the  $5^{th}$  of February fall on?

Q2. Color the Fridays yellow.

Q3. How many Sundays are there in the month?

Q4. Which day is the day after the  $19^{th}$  of February?

Q5. How many Tuesdays are there in February?

Q5. How many days are there in February?

Q6. Which day is the day before the  $24^{th}$  of February?

### Unit 17 -Ordinal Numbers.

Do you know anyone who lives in a high-rise building?

• Which floor do they live in ?\_\_\_\_\_

Numbers that give us the exact position of an object are called ordinal numbers. Ordinal numbers tell the position of an object rather than its quantity.

Cardinal	Numbers	Ordina	I Numbers
1	One	1 <sup>st</sup>	First
2	Two	2 <sup>nd</sup>	Second
3	Three	3 <sup>rd</sup>	Third
4	Four	4 <sup>th</sup>	Fourth
5	Five	5 <sup>th</sup>	Fifth
6	Six	6 <sup>th</sup>	Sixth
7	Seven	7 <sup>th</sup>	Seventh
8	Eight	8 <sup>th</sup>	Eighth
9	Nine	9 <sup>th</sup>	Ninth
10	Ten	10 <sup>th</sup>	Tenth
11	Eleven	11 <sup>th</sup>	Eleventh
12	Twelve	12 <sup>th</sup>	Twelfth
13	Thirteen	13 <sup>th</sup>	Thirteenth
14	Fourteen	14 <sup>th</sup>	Fourteenth
15	Fifteen	15 <sup>th</sup>	Fifteenth

#### Write and practice three times.

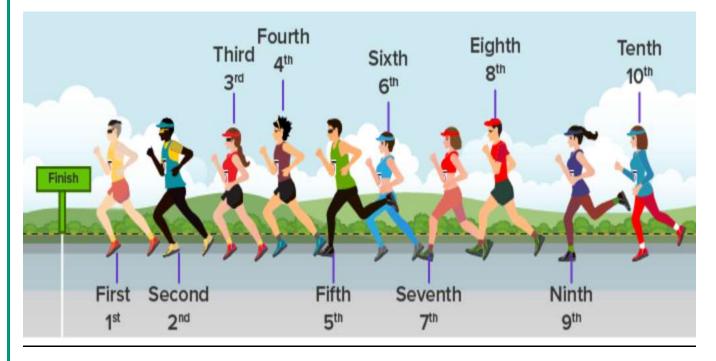
15+	=		
2nd	=		
3rd 4th 5th 6th	=		
4th	=		
5th	=		
6th	=		
7th	=		
8th	=		
8th 9th 10th	=		
10th	=		

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11th	=		
12th	11		
13th	11		
14th	11		
15th	11		
16th	11		
17th	11		
18th	11		
13th 14th 15th 16th 17th 18th 19th 20th	11		
20th	11		

# LOOK AT THE PICTURE BELOW



<u>Exercise 1. Fill in the bla</u>	anks using Ordinal	<u>numbers.</u>
1. The Tiger is		in the line
2. The Lion is the		in the line.
3. The Snake is		in the line
4.Who is sixth in t	he line?	
5. Is the Zebra th	ne Seventh or Ei	ghth?
6. The camel is the	e	in the line.
7. The monkey is $\_$		$\_$ in the line .
8.Who is last in th	ne line?	
9.If the monkey c ?		Zebra, what would his position be
10. If the Tig		away, What position would the
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## Exercise 2 Do as per directions given.

box MONITOR SUPER

Color the last box yellow.

Draw an orange on the fourteenth box.

Write your name on the second box

Write your age in the 11th box.

Write the word "electric " on the sixth box

Write d on the seventeenth box.

Write the word "you" on the eighth box.

Write 5#5 on the fifteenth box.

Draw three triangles on the third box

On which block is Monitor written

Write "Mango" on the fifth box.

Color the seventh block red.

Write "Champion "in the thirteenth box.

Color the sixteenth box blue.

Write the opposite of "come "on the ninth block.

On which block is "SUPER" written.

Write the result of 10\*10 on the tenth box.

Color the first box pink.

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50 7 -	Complete the table.
С	omplete the table
mber	Ordinal name
	Thirty sixth
	Forty eighth
13	
	First
29	
8	
25	
	Forty second
3	
	Eighteenth
	Thirty fourth
2	
19	
	29 3

# Exercise 3 - Complete the table.

Exercise 4. Write the Ordinal names.

Number	Ordinal number names
75	
62	
89	
93	
54	
65	
11	
47	
36	
10	

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# Unit 18 - Time

Tell me the Time When the sun rises it is day. You wake up. When the sun sets, it gets dark. Right We use the clock to see time .



Fill in the gaps. ] morming . aftern	<u>1001, ev</u>	<u>rening, night]</u>
I wake up in the		to go to school.
I have breakfast in the		
I eat lunch in the		
I takea nap in the	<b>\</b>	
I go to play in the	with	my friends.
I have dinner at	<b>、</b>	
I wish "Good Night" to mom at_		<u> </u>

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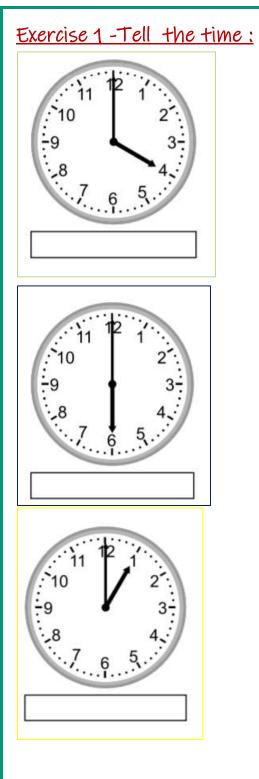
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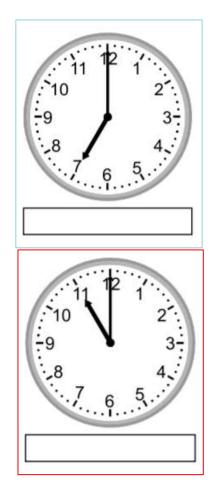
# Look at the clock.

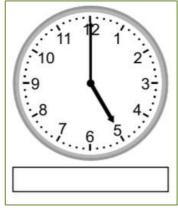


### Do you know

- 1. The face of the clock has numbers from 1 to 12.
- 2. There are three hands on my face. One is for the hours; one is for the minutes and one is for the seconds.
- 3. There are 24 hours in one day.
- 4. The hour hand moves twice around my face every day.
- 5. There are 60 minutes in one hour.





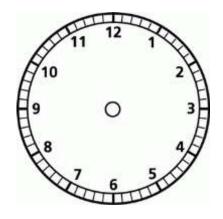


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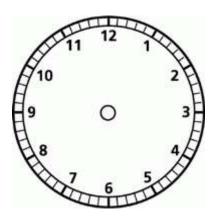
### Exercise 2-

Draw the following in the clock.

1. When do you wake up in the morning?



2. When do you go to school in the morning?

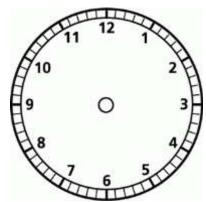


3. When do you have lunch?

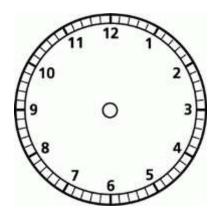
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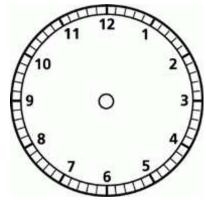
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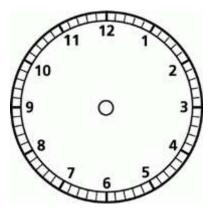
4. When do you play with your friends?



5. When do you have your dinner?



6. When do you go to bed?

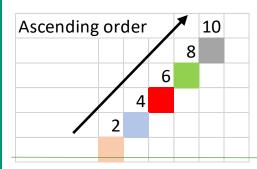


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# Unit 19-Ascending and Descending order





# Exercsie 1 - Arrange in ascending order

333	334	335	336	337	338	339
500	300	900	700	6DD	100	200
816	818	820	822	923	826	846
350	100	50	200	D	300	350
711	211	466	899	111	100	710
23	28	90	12	7	9	D
445	789	456	423	324	555	556
110	410	310	220	221	821	51
999	234	777	୫୫୫	678	343	754

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Exercise 2 - Arrange in descending order

16	21	83	5	D	2	-7
124	273	528	961	173	162	772
47	50	53	34	27	65	79
498	497	456	476	439	493	412
816	821	826	812	836	914	846
340	342	320	319	367	354	321
415	465	425	420	485	410	400
228	201	234	244	210	265	219
679	6DD	689	559	589	689	500
63	67	61	6D	64	78	54

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							Tryannica 2
672	786	123	765	875	432	65	<u>Exercise 3 -</u> <u>Arrange in</u>
							descending
897	532	967	564	432	900	432	<u>order</u>
239	769	564	321	934	231	544	
765	654	325	789	543	486	510	
789	432	107	206	39	650	764	
		201					
790	679	9 350	0 814	4 568	8 511	535	
697	7 81	1 148	2 790	$\frac{1}{2}$	) 457	7 90	Arrange in

90	<u>Arrange i</u> <u>ascending</u> <u>order</u>
00	

697	811	148	790	900	457	90	1
							<u>(</u>
814	457	132	231	64	675	789	
922	557	992	589	457	925	457	
264	794	589	346	959	256	569	

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Exercise 4 - Arrange in descending order

231	678	987	687	132	89	452
675	123	879	324	767	132	765
56	876	49	123	879	934	321
521	985	541	238	982	344	233
111	333	999	889	449	129	90

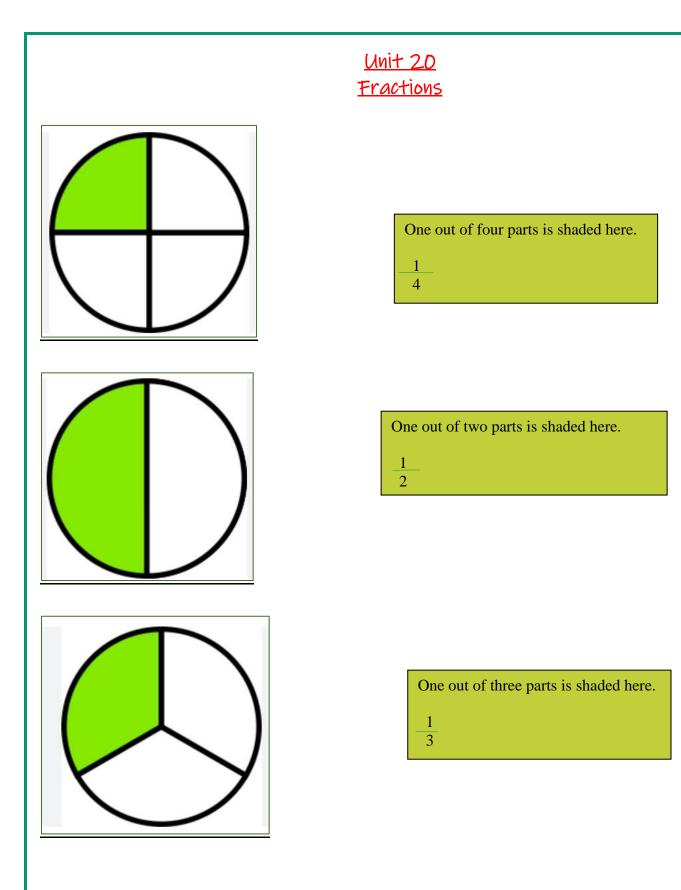
# Arrange in ascending order

617	727	421	736	181	138	501
67	172	421	373	816	181	814
442	925	421	172	928	983	370
586	431	606	303	69	409	298
444	-108	648	93	536	99	534

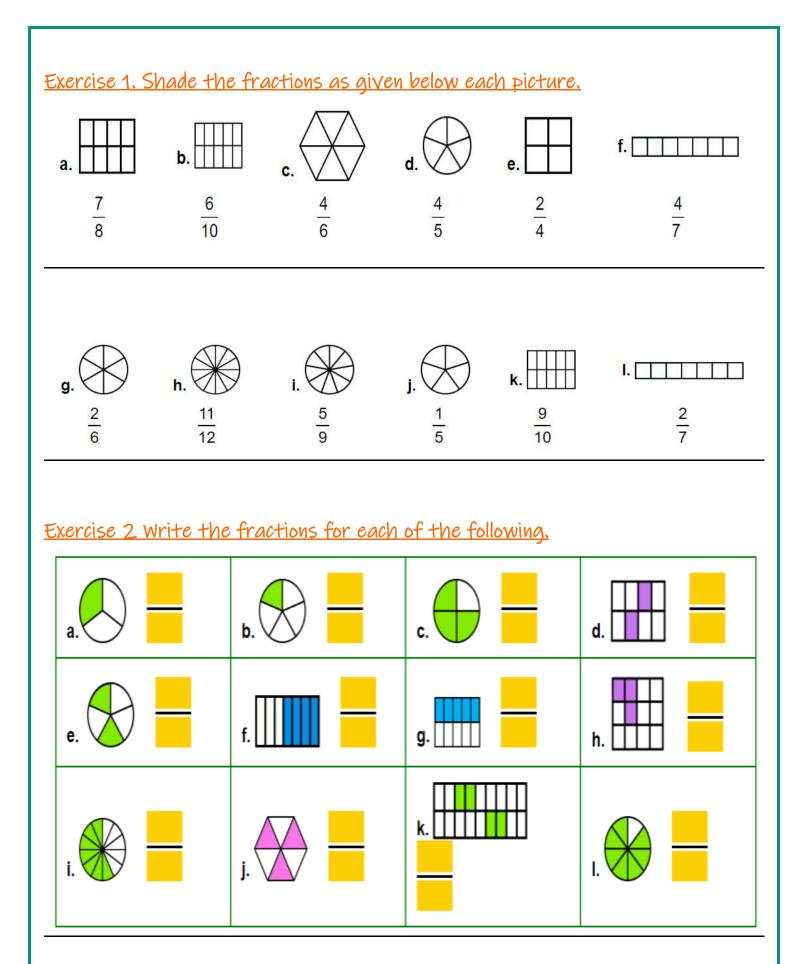
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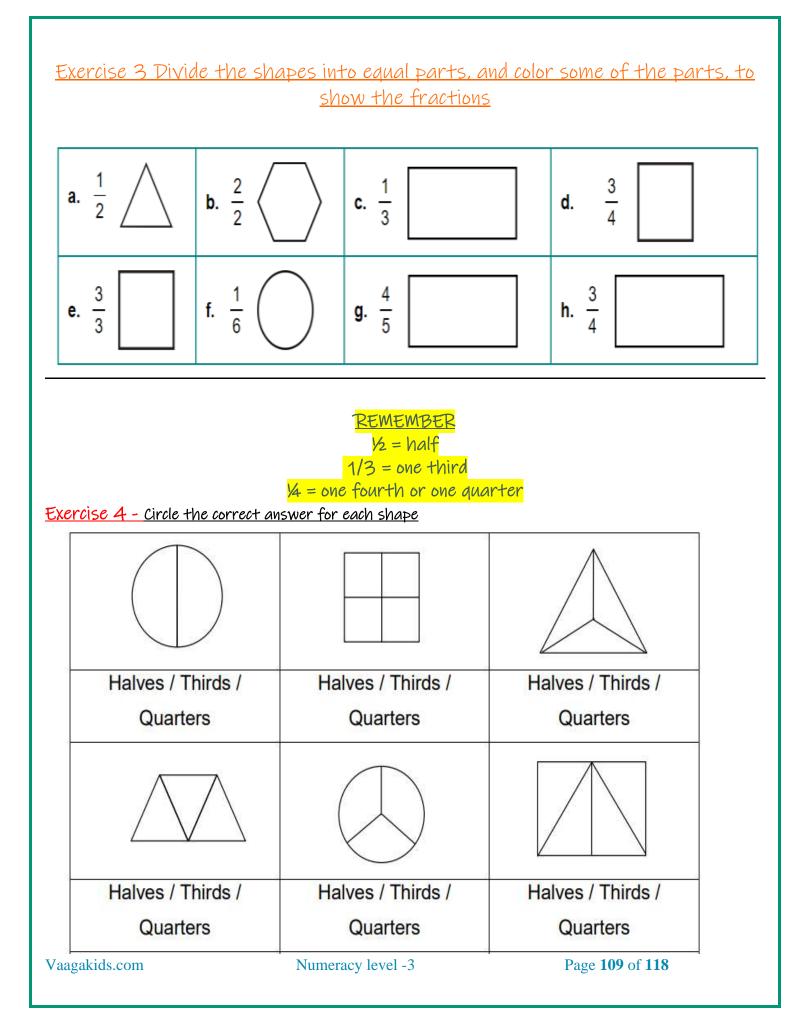
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	Test 1.	
Q1. What is three tim	es six?	
Q2. I have one dozen	apples with me. So that me	eans I have apples
with me.		
Q3. What is 24 + 24	=	
Q4. What is the large	st two-digit number?	
Q5. Write one hundred	l and thirty-six in the numbe	er form?
Q6. which number com	nes after 889?	
Q7. what is 4+4+4+2	+++++++++++++++++++++++++++++++++++++++	
Q8. What day comes a	after Thursday?	
Q9. which is the mont	h after July?	_
Q10. Complete the se	oquence. 34,37,40,,	_ / `
Q11. Count the Triang	gles in the picture below	
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<u>Test 2.</u>
Q1. What is five times eight?
Q2. I have three pairs of white shoes with me. So that means I have
shoes with me.
Q3. What is 30 + 42 =
Q4. What is the smallest three-digit number?
Q5. Write seven hundred and forty-nine in the number form?
QG. which number comes after 709?
Q7. what is 10+1+10+1+10=
Q8. What day comes before Sunday?
Q9. which is the month after August?
Q10. Complete the sequence. 35.45.55,,
Q11.Draw 8 'o' clock on the clock below.

<u>Test 3.</u>
Q1. Which number comes in between 719 and 717?
Q2. What is 80+4=
Q3. Which is the first month of the year?
Q4. How many days are there in July?
Q5. Complete the sequence. $34,37,40, $ ,
Q6. What is 30 *0 =
Q7. There are 12 chairs and 10 desks in my class. What is the total number of
pieces of furniture in my class?
Q8. What is 6+10+6+10 =
Q9. What is the largest three -digit number?
Q10. Write six hundred and eleven in the number form?
Q11. Shade up to 400 ml in the jar below.

<u>Test 4</u>							
Q1. Which number comes in between 653 and 651?							
Q2. $\square$ what is length of this rope? = $\_$							
Q3. Complete the following	ng sequence?						
93 91		88		86		84	
Q4. Which is the sixth ma	onth of the ye	ar?					
Q5. How many days are t	here in Decem	ber?					
QG. There are 22 birds s	itting on the	branch	of a tre	e. 12 m	ore joine	d. How	
many are there in total?							
				Τ	C	>	
							Q
Q7. How many sides are t	here is this f	igure =_	?				
Q8. What is the largest 4-digit number?							
			/		/		
Q9. In a class 25 chairs	can be placed.	But To	om has c	only 18 a	hairs. +	fow man	Ч
more does he need?	_						
Q10. 9-5 =							
Q11.What needs to be tak	cen away from	14 to	make it	equal to	o one do	zen.	
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					<u>Test 5</u>	
Q1. D	raw 1(	é mar	bles on	this block.		
Q2.+	tow ma	any ho	ours are	e there in a	one day?	
Q3. V	vhat is	52 ad	lded to	892?		-
Q4. <i>†</i>	trrang	e the	followi	ng descendi	ing order. 2	274,241,231,252 ,212
Q5. W	lhat is ·	the me	easure o	f one side of	your pencil l	20X ?
Q4. v	vrite 5	i94 in	words			
·· <u> </u>						
Q5. (	Comple	te th	e seque	ence. Mon, -	Tue, wed _	, , 、
Q6.2	*			_		
Q7.1	2+	· · · · · · · · · · · · · · · ·	= 14			
QB. V	vhat is	s one a	greater	- than 100 <sup>-</sup>	?	
Q9. 1	what i	s the	measu	re of the s	ides of this	s rectangle?
Q10.	How w	iany m	nonths	are there	in a year?	
Q11. 7	Add					
	4	5	D			
+	4	1	8			
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### <u>Test 6</u>

Q1. Write eight hundred and forty-six in the number form?

Q2. which number comes after 899? \_\_\_\_\_

Q3. what should be added to 8 to get 10? \_\_\_\_\_

Q4. How many days are there in a fortnight? \_\_\_\_\_

Q5. Arrange the following descending order. 600,679,688,621

Q6. Write 712 in words.

Q7. Do as directed.

	7	9	8
-	4	5	3

	2	6	8
+	4	1	D

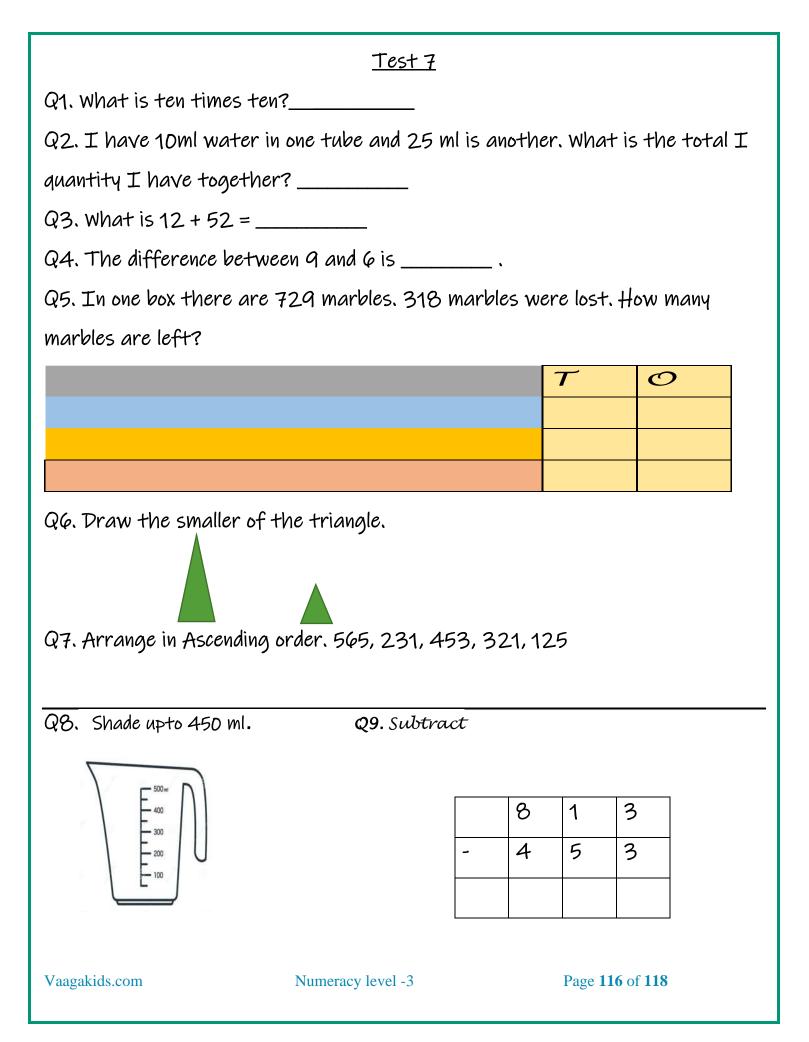
	4	2	4
+	1	D	5

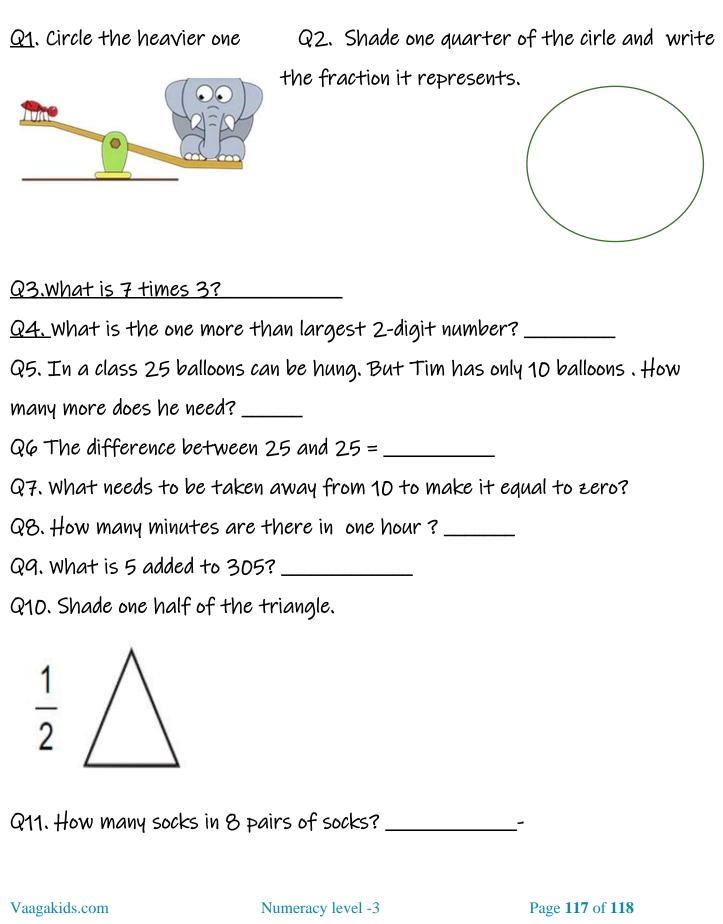
QB. We can measure the

size of a wall by using kilograms, meters or liters.

Q9. Arrange in Ascending order. 333.444, 111, 999, 222

Q10. Tick the largest cylinder.







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