

## 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 $21^{\text {st }}$-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 3are 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 $\varepsilon_{i}$ 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 reallife
- 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 ofpositional 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 indescending 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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# $\begin{array}{lllllllll}1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9\end{array}$ 

$\begin{array}{llllllllll}11 & 12 & 13 & 14 & 15 & 16 & 17 & 18 & 19 & 20\end{array}$
$\begin{array}{llllllllll}21 & 22 & 23 & 24 & 25 & 26 & 27 & 28 & 29 & 30\end{array}$
$\begin{array}{llllllllll}31 & 32 & 33 & 34 & 35 & 36 & 37 & 38 & 39 & 40\end{array}$
$\begin{array}{llllllllll}41 & 42 & 43 & 44 & 45 & 46 & 47 & 48 & 49 & 50\end{array}$
$\begin{array}{lllllllll}51 & 52 & 53 & 54 & 55 & 56 & 57 & 58 & 50\end{array}$
$61 \quad 62 \quad 63 \quad 64 \quad 65 \quad 66 \quad 67 \quad 68 \quad 69 \quad 70$
$\begin{array}{llllllllll}71 & 72 & 73 & 74 & 75 & 76 & 77 & 78 & 79 & 80\end{array}$
$\begin{array}{llllllllll}81 & 82 & 83 & 84 & 85 & 86 & 87 & 88 & 89 & 90\end{array}$
$\begin{array}{llllllll}91 & 92 & 93 & 94 & 95 & 96 & 97 & 98 \\ 99 & 100\end{array}$

COUNT AND WRITE.
Fill in the gaps

| 1 | 3 | 4 |  | 6 | 7 |  | 9 |
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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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Write 201-300

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Write 301-400

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write 556 to 665


Unit 2-NUMBER NAMES
Write the Number names in words and practice.

| One | $=$ |  |
| :--- | :--- | :--- |
| Two | $=$ |  |
| Three | $=$ |  |
| Four | $=$ |  |
| Five | $=$ |  |
| Six | $=$ |  |
| Seven | $=$ |  |
| Eight | $=$ |  |
| Nine | $=$ |  |
| Ten | $=$ |  |


|  | $=$ |
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Write the Number names in words and Practice.

| Ten | $=$ |
| :--- | ---: |
| Twenty | $=10$ |
| Thirty | $=$ |
| Forty | $=$ |
| Fifty | $=$ |
| Sixty | $=$ |
| Seventy | $=60$ |
| Eighty | $=70$ |
| Ninety | $=80$ |
| Hundred | $=90$ |


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## Write the Number names in words and Practice.

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


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Write the numeral for the follow

| 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 |  |  |
|  | $=$ |  |
| One hundred and Sixteen |  |  |
|  | $=$ |  |
| Four Hundred and fourteen |  |  |
|  | Five Hundred and Nine |  |
|  | Eight Hundred and Six |  |
| Nine Hundred and Nine |  |  |
| Fin |  |  |

Write the number names of the following


Write the numeral for the following.

| Seventy-Two | $=$ |
| :---: | :---: |
| Nineteen | $=$ |
| Twenty-Three | $=$ |
| Hundred | $=$ |
| Thirty-Nine | $=$ |
| Forty-Seven | $=$ |
| Eighty-Eight | $=$ |
| Sixty Four | $=$ |
| Thirteen | $=$ |
| Fifty Nine | $=$ |
| Forty-Six | $=$ |
| Sixty One | $=$ |

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Numeracy level -3
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write the number name of the following.

| 647 | $=$ | Six Hundred and forty seven |
| :---: | :---: | :---: |
| 201 | $=$ |  |
| 428 | $=$ |  |
| 406 | $=$ |  |
| 510 | $=$ |  |
| 749 | $=$ |  |
| 596 | $=$ |  |
| 111 | $=$ |  |
| 442 | $=$ |  |
| 916 | $=$ |  |
| 350 | $=$ |  |
| 237 | $=$ |  |

Unit 3 -count and write.
DRAW PICTURES FOR THE FOLLOWING NUMBERS.




Fill in the missing numbers.


Fill in the missing numbers.

| 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 |  |  |

Unit 4 - Hundreds, Tens, and Ones

| Hundreds | Tens | Ones |
| ---: | :---: | :---: |
| 1 | 3 | 2 |
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| Number |  | 132 |


| Hundreds | Tens | Ones |
| ---: | :---: | :---: |
| 2 | 4 | 6 |
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| Number 246 |  |  |


| Hundreds | Tens | Ones |
| ---: | :---: | :---: |
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| Number 758 |  |  |

Fill in the HTO columns

| Hundreds | Tens | Ones | Hundreds | Tens | Ones | Hundreds | Tens | Ones |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5 | 6 | 8 | 9 | 7 | 2 | 2 | 0 | 4 |
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| Number |  |  | Number |  |  | Number |  |  |


| Hundreds | Tens | Ones | Hundreds | Tens | Ones | Hundreds | Tens | Ones |
| ---: | :---: | :---: | ---: | :---: | :---: | :---: | :---: | :---: |
| 9 | 9 | 9 | 7 | 4 | 1 | 1 | 9 | 6 |
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Numeracy level -3

Draw Hundreds, tens and ones for the following.


Try this.
what is $100+30+3=$
what is $700+50+7=$
What is $80+3=$
What is $70+5=$
What is $600+70+5=$
what is $400+30+1=$
What is $100+80+7=$
what is $500+40+9=$

## count backwards from 334 till the last square

|  |  |  |  |  |  |  |  |  |  |
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Answer the following


Unit 5 Add in columns


Add in columns

| $H$ | $T$ | 0 |  | $H$ | $T$ | 0 |  | $H$ | $T$ | 0 |  | $H$ | 3 | 0 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 5 | 4 |  | 1 | 0 | 4 |  | 2 | 1 | 2 |  | 4 | 0 | 1 |
| + |  | 1 | 5 | + |  | 9 | 3 | + | 6 | 8 | 5 | + | 1 | 0 | 0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $H$ | $T$ | 0 |  | $H$ | $T$ | 0 |  | $H$ | $T$ | 0 |  | $H$ | $T$ | 0 |  |
|  | 5 | 0 | 0 |  | 7 | 0 | 3 |  | 8 | 9 | 0 |  | 4 | 0 | 0 |
| +3 | 3 | 2 | + | 1 | 0 | 9 | + |  | 1 | 3 | + |  | 1 | 1 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $H$ | $T$ | 0 |  | $H$ | $T$ | 0 |  | $H$ | $T$ | 0 |  | $H$ | $T$ | 0 |  |
| 4 | 7 | 0 |  | 4 | 0 | 7 |  | 3 | 7 | 2 |  | 9 | 0 | 1 |  |
| 2 | 0 | 1 | + | 4 | 0 | 1 | + | 3 | 2 | 3 |  | 4 | 2 | 1 |  |
| + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $H$ | $T$ | 0 |  | $H$ | $T$ | 0 |  | $H$ | $T$ | 0 |  | $H$ | $T$ | 0 |  |
| 7 | 0 | 0 |  | 3 | 2 | 1 |  | 4 | 0 | 5 |  | 7 | 9 | 0 |  |
| +1 | 0 | 4 | + | 1 | 1 | 2 | + | 6 | 3 | 4 |  |  |  | 0 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Add in columns


Add in columns


## 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?

|  | $\boldsymbol{T}$ | $\mathcal{O}$ |
| :--- | :--- | :--- |
|  |  |  |
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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?


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


Try these. [Horizontal addition


| 4 | + | 4 | $=$ |  |
| :---: | :---: | :---: | :---: | :---: |
| 5 | + | 5 | $=$ |  |
| 3 | + | 3 | $=$ |  |
| 8 | + | 1 | $=$ |  |
| 2 | + | 5 | $=$ |  |
| 0 | + | 7 | $=$ |  |
| 4 | + | 3 | $=$ |  |
| 1 | + | 6 | $=$ |  |
| 2 | + | 3 | $=$ |  |
| 3 | + | 5 | $=$ |  |
| 4 | + | 3 | $=$ |  |
| 5 | + | 4 | $=$ |  |
| 6 | + | 3 | $=$ |  |
| 7 | + | 2 | $=$ |  |
| 9 | + | 0 | $=$ |  |
| 2 | + | 0 | $=$ |  |
| 3 | + | 1 | $=$ |  |


| 4 | + |  | $=$ | 8 |
| :---: | :---: | :---: | :---: | :---: |
| 5 | + |  | $=$ | 9 |
| 3 | + |  | $=$ | 6 |
| 8 | + |  | $=$ | 9 |
| 2 | + |  | $=$ | 9 |
| 0 | + |  | $=$ | 4 |
| 4 | + |  | $=$ | 8 |
| 1 | + |  | $=$ | 8 |
| 2 | + |  | $=$ | 9 |
| 3 | + |  | $=$ | 7 |
| 4 | + |  | $=$ | 6 |
| 5 | + |  | $=$ | 10 |
| 6 | + |  | $=$ | 7 |
| 7 | + |  | $=$ | 7 |
| 9 | + |  | $=$ | 9 |
| 2 | + |  | $=$ | 8 |


| 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 | $=$ |  |
| 1 | + | 15 | $=$ |  |
| 1 | + | 16 | $=$ |  |

Unit 6 - Numeration 2WHAT 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 |
| :--- | :--- | :--- |
| 345 |  | 675 |
| 622 |  | 894 |
| 765 |  | 383 |
| 896 |  | 444 |
| 342 |  | 780 |
| 109 |  | 546 |
| 673 | 321 |  |
| 450 | 560 |  |
| 789 |  | 889 |

## WHAT COMES IN BETWEEN

| 19 | 21 |
| ---: | ---: |
| 13 | 15 |
| 11 | 13 |
| 16 | 18 |
| 14 | 16 |
| 20 | 22 |
| 18 | 20 |
| 17 | 19 |
| 12 | 14 |
| 15 | 17 |

WHAT COMES IN BETWEEN

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

933
237
835
139 540

642
825
665
306
234

## BACKWARD COUNTING

10 8
6 4 2

$$
\begin{array}{l|l|l|l|l|l|l|}
\hline 14 & 12 & 10 & & 7 & 5 \\
\hline
\end{array}
$$

| 29 | 26 | 23 | 21 |
| :--- | :--- | :--- | :--- | :--- |


| 62 | 60 |  | 57 | 55 |  |
| :--- | :--- | :--- | :--- | :--- | :--- |


| 93 | 91 | 88 | 86 | 84 |
| :--- | :--- | :--- | :--- | :--- |


| 30 | 28 | 26 | 24 | 22 |  |
| :--- | :--- | :--- | :--- | :--- | :--- |


| 16 | 14 | 12 |  | 9 |  |
| :--- | :--- | :--- | :--- | :--- | :--- |


| 72 | 69 | 67 |  | 64 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |



## WHAT COMES BEFORE

| 581 | 509 |
| :--- | :--- | :--- |
| 367 | 675 |
| 644 |  |
| 787 | 894 |
| 918 |  |
| 364 |  |
| 131 | 383 |
| 695 | 444 |
| 472 | 780 |
| 811 | 546 |
|  | 821 |

Fill in the gaps

$15-5=10$
Now, do the below ones


Try These

| $H$ | $T$ | 0 | $H$ | $T$ | 0 | $H$ | $T$ | 0 |  | $H$ | $T$ | 0 |
| ---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - | 6 | 8 |  | 2 | 8 |  | 7 | 6 |  |  | 4 | 5 |
| - |  | 2 | 3 | - | 1 | 0 |  | - | 2 | 4 |  | - |
|  |  | 2 | 3 |  |  |  |  |  |  |  |  |  |
|  |  | 5 |  |  | 1 | 8 |  |  | 5 | 2 |  |  |

Try These




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 |
| :--- | :--- | :--- |
|  |  | 0 |
|  |  |  |
|  |  |  |

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

| $\boldsymbol{T}$ | 0 |
| :--- | :--- |
|  |  |
|  |  |
|  |  |

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

|  | T | 0 |
| :--- | :--- | :--- |
|  |  |  |
|  |  |  |
|  |  |  |

## Unit 8 Greater and Lesser than

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

| 127 | 270 | 567 | 456 |
| ---: | ---: | ---: | ---: | ---: |
| 900 | 800 | 444 | 587 |
| 235 | 235 | 123 | 321 |
| 764 | 623 | 56 | 560 |
| 675 | 875 | 345 | 543 |
| 689 | 986 | 79 | 78 |
| 33 | 35 | 213 | 118 |
| 639 | 39 | 316 | 326 |
| 204 | 304 | 289 | 129 |
| 106 | 601 | 601 | 601 |

## Put greater than, lesser than or equal to as

 appropriate. [<, >, =]| 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 |

## Put greater than, lesser than or equal to as

 appropriate. [<, >, =]| $10+10$ | 20 |
| :--- | :--- |
| 26 | $25-1$ |
| $3+3$ | 9 |
| $7+2+1$ | 11 |
| $10+20$ | $10-10$ |
| 100 | $40+20$ |
| 500 | $250+1$ |
| 900 | 90 |
| $20-6$ | $10+3$ |
| $5+15$ | 36 |

## Unit 9 - Repeated Addition - MULTIPLICATION



On a Number line, we can skip count to add and multiply.


| 2 | $*$ | 0 | $=$ |
| ---: | ---: | ---: | ---: |
| 2 | $*$ | 1 | $=$ |
| 2 | $*$ | 2 | $=$ |
| 2 | $*$ | 3 | $=$ |
| 2 | $*$ | 4 | $=$ |
| 2 | $*$ | 5 | $=$ |
| 2 | $*$ | 6 | $=10$ |
| 2 | $*$ | 7 | $=14$ |
| 2 | $*$ | 8 | $=16$ |
| 2 | $*$ | 9 | $=18$ |
| 2 | $*$ | 10 | $=$ |
| 2 | $*$ | 11 | $=22$ |
| 2 | $*$ | 12 | $=24$ |

Write 2 times table.

|  |  |  |  |  |
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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 | $=$ | 7 |
| 8 | $*$ | 1 | $=$ | 8 |
| 9 | $*$ | 1 | $=$ | 9 |
| 10 | $*$ | 1 | $=$ | 10 |
| 11 | $*$ | 1 | $=$ | 11 |
| 12 | $*$ | 1 | $=$ | 12 |

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Numeracy level -3


Try this

| 2 | $*$ | 2 | $=$ |
| :--- | :--- | :--- | :--- |
| 8 | $*$ | 2 | $=$ |
| 3 | $*$ | 2 | $=$ |
| 6 | $*$ | 2 | $=$ |
| 4 | $*$ | 2 | $=$ |
| 7 | $*$ | 2 | $=$ |
| 5 | $*$ | 2 | $=$ |
| 0 | $*$ | 2 | $=$ |
| 9 | $*$ | 2 | $=$ |
| 1 | $*$ | 2 | $=$ |

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| $5 *$ | 1 | $=$ |
| ---: | ---: | ---: |
| $5 *$ | 2 | $=10$ |
| $5 *$ | 3 | $=$ |
| $5 *$ | 45 |  |
| $5 *$ | 20 |  |
| 5 | $5=$ | 25 |
| $5 *$ | $6=$ | 30 |
| $5 *$ | 7 | $=35$ |
| $5 *$ | $8=$ | 40 |
| $5 *$ | 9 | $=45$ |
| $5 *$ | 10 | $=50$ |
| $5 *$ | 11 | $=55$ |
| $5 *$ | $12=$ | 60 |



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Tables of 10 .

| 10 | $*$ | 1 | $=$ |
| :--- | ---: | ---: | ---: |
| $10 *$ | 2 | $=$ | 20 |
| $10 *$ | 3 | $=$ | 30 |
| $10 *$ | 4 | $=$ | 40 |
| $10 *$ | 5 | $=$ | 50 |
| $10 *$ | 6 | $=$ | 60 |
| $10 *$ | 7 | $=$ | 70 |
| $10 *$ | 8 | $=$ | 80 |
| $10 *$ | 9 | $=$ | 90 |
| $10 *$ | 10 | $=$ | 100 |
| $10 *$ | 11 | $=$ | 110 |
| $10 *$ | 12 | $=$ | 120 |


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Practice 2,5 and 10 tables.


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Numeracy level -3


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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 | $=$ |  |
| ---: | ---: | ---: | :--- | :--- |
| 5 | $*$ | 8 | $=$ |  |
| 2 | $*$ | 2 | $=$ |  |
| 1 | $*$ | 9 | $=$ |  |
| 5 | $*$ | 6 | $=$ |  |
| 2 | $*$ | 8 | $=$ |  |
| 1 | $*$ | 2 | $=$ |  |
| 5 | $*$ | 0 | $=$ |  |
| 10 | $*$ | 10 | $=$ |  |
| 5 | $*$ | 2 | $=$ |  |
| 2 | $*$ | 7 | $=$ |  |
| 1 | $*$ | 0 | $=$ |  |


| 1 | $*$ | 3 | $=$ |
| :---: | :---: | :---: | :---: |
| 2 | $*$ | 6 | $=$ |
| 5 | $*$ | 7 | $=$ |
| 1 | $*$ | 8 | $=$ |
| 2 | $*$ | 9 | $=$ |
| 5 | $*$ | 5 | $=$ |
| 10 | $*$ | 4 | $=$ |
| 1 | $*$ | 7 | $=$ |
| 5 | $*$ | 3 | $=$ |
| 2 | $*$ | 4 | $=$ |
| 5 | $*$ | 9 | $=$ |
| 1 | $*$ | 7 | $=$ |

Put greater than, lesser than or equal to sign.

| $10^{*} 2$ | $2{ }^{*} 10$ |
| ---: | :---: |
| $4^{*} 2$ | $4^{*} 5$ |
| $2^{*} 6$ |  |
| $12^{*} 0$ | $7^{*} 5$ |
| $6^{*} 4$ | $3^{* 5}$ |
| $1^{*} 40$ | $3^{* 5}$ |
| $7^{*} 4$ |  |
| $2^{*} 5$ |  |
| $4^{*} 5$ | $5^{*} 9$ |
| $10^{*} 10$ |  |

Three times five is =
Any umber matipied by is =
Five fines five is =
One lesser than ten times ten is =
Seven times five is sepal to five times seven, Tor F Ahumbred times one is =
$4^{*} 2$ is sendal to 2 times four. Tor F

## Uni+ 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

The standard unit for measurement is:
$\mathrm{cm}, m$, 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? $\qquad$ 5 cms


Answer the following.
2. Where is the arrow pointing? CMS


```
\MM
```


3. where is the arrow pointing? $\qquad$


Using your ruler can you measure the length of the following objects.




## ill in the gaps

1. The length of your eraser will be approximately
2. The length of your blackboard will be approximately_cm [ $4 \mathrm{~cm}, 150 \mathrm{~cm}$ ]
3. The length of your socks will be approximately $\mathrm{cm}[1 \mathrm{~cm} .15 \mathrm{~cm}]$
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.

6. color the shorter arrow.

7. Identify the tall, taller, and the tallest



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9. Draw the bigger and biggest house from the picture below

10. Given below is the long cone ice cream. Can you draw the longer and the longest ice


Q5. circle the tallest animal, cross the taller one and draw a line through the tall animal.


Q6. Identify the tall, taller, and the tallest

20. Can you answer.......
a. What is the measure of one side of your pencil box. $\qquad$
b. Is your home closer to your school or the sun? $\qquad$
c. Which is closer to you. the sun or your school? $\qquad$
d. Is your father taller than your younger brother? $\qquad$
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

## $1000 \mathrm{ml}=1$ litre



Color up to 500 ml in the first jar picture.
color up to 350 ml the second jar picture. color up to 200 ml in the third jar picture.


This jar has s ml . The liquid in the jar is
$\qquad$
$\qquad$ ml.

$\qquad$ ml .
9. Which is heavier? Your water bottle or the water tank at your home? $\qquad$
h. Which has more liquid in it? One bottle full of milk or one teaspoon of medicine. $\qquad$
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


Color the first jar up to 100 ml .
Color the second jar up to 400 ml
color he third jar up to 250 ml

## TRY THESE.

What is 100 ml plus 100 ml ? $\qquad$
Which is greater 400 ml or 40 ml ? $\qquad$
How much ml does your water bottle contain? $\qquad$ -
$20 m l+20 m l+20 \mathrm{ml}=$
How many milliliters make one liter? $\qquad$

## 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

$$
1000 \mathrm{~g}=1 \text { kilogram }
$$

Q1.
which is heavier?


Q 2.
which is lighter?


Q3.
circle the light animal?


Q4. Can you answer.......

1. Which is heavier? Your school bag or your pencil pouch? $\qquad$
2. Is your eraser lighter or your notebook.? $\qquad$
3. Is your father heavier or your baby brother? $\qquad$
4.Is the any heavier or a baby cat?
4. Can you weigh yourself and write the weight below.
can you draw your family below and write their weight
$\square$
Draw lightest object from your pencil pouch here.


Draw the lightest object from your pencil pouch here.


## Circle the heavier one.



Unit 13 - Patterns:
Exercsie 1-See the pattern and fill in further.


Exercsie 2-Fill in the grey boxes with the shape that you think is the best fit


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

| 1 | 2 |  |  |  | 3 | 2 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Try this

| 2A | $3 B$ | $4 C$ | $5 D$ | $6 E$ | $7 F$ | $8 G$ |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |  |  |
| J22 | K21 | L20 | M19 | N18 | 017 | P16 |  |  |  |



Can you make your own pattern.

|  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |  |  |
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## Unit 14-Data handling

## Exercise 1-

Look at the graph above and answer the questions:

## Fruits



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. How many students are there in the Red house and Blue house together?
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?

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

Numa has the following fruits.


1. How many Red-colored fruits are there?
2. How many yellow-colored fruits are there?
3. How many orange-colored fruits are there?
4. How many green-colored fruits are there?
5. How many total fruits are there in total

Exercise 3. Look at the pie chart below and answer the questions.

## No of kids



Singing $\quad$ Dancing $\quad$ - Swimming $\quad$ Drawing

Q1. Which hobby was most liked by the ids?
Q2. Which hobby was least liked by the kids?
Q3. Which hobby was more popular? swimming or Drawing.

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 | 60 |
| 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 |  |

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

How many letters do each fruit have. Write the number in the block provided.

| $P$ | $A$ | $P$ | $A$ | $Y$ | $A$ |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $P$ | $I$ | $N$ | $E$ | $A$ | $P$ | $P$ | $L$ | $E$ |  |  |  |
| $C$ | $U$ | $S$ | $T$ | $A$ | $R$ | $D$ |  |  |  |  |  |
| $I$ | $C$ | $E$ | $C$ | $R$ | $E$ | $A$ | $M$ |  |  |  |  |
| $P$ | $E$ | $A$ | $R$ |  |  |  |  |  |  |  |  |
| $G$ | $R$ | $A$ | $P$ | $E$ | $S$ |  |  |  |  |  |  |
| $W$ | $A$ | $T$ | $E$ | $R$ | $M$ | $E$ | $L$ | $O$ | $N$ |  |  |
| $O$ | $R$ | $A$ | $N$ | $G$ | $E$ |  |  |  |  |  |  |
| $S$ | $T$ | $R$ | $A$ | $W$ | $B$ | $E$ | $R$ | $R$ | $Y$ |  |  |
| $R$ | $A$ | $S$ | $B$ | $E$ | $R$ | $R$ | $Y$ |  |  |  |  |

How many fruit names have five letters?

How many fruit names have six letters?

How many A's in all the fruits names?

How many R's in all the fruits names?

How many B's in all ?

## Unit 15- Tally Marks

## For every five items we write IIII

## 

Lets' count the stars in the following picture.




## Lets count |III ||II ||II ||II |||| = 24 stars

## Exercise 1.

match to the correct tally mark.


Exercise 2.
write the correct Tally Mark.


Exercise 3.
write the numeral for the tally marks.


Exercise 4. See the table and answer the follwoign questions.
Some students were asked about their favorite Ice cream flavor.
Their answers are shown below.

| Flavors | Tallies |  |  |  |  | Total |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Strawberry | HH | HH | HH | HH |  |  |
| Vanilla |  |  |  |  |  | 14 |
| Chocolate | HH | HH | HH | II |  | 17 |
| Mango | HH | II |  |  |  |  |
| Caramel | HH | 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?

## Unit 16 -CALENDAR

Hi there!
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 |
| V |

The first month of the year is
The last month of the year is

Exercise 1. Fill in the boxes.

| $J$ |  | $N$ |  | $A$ | $R$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| $m$ | $y$ |
| :--- | :--- | :--- |


| $A$ |  | $G$ |  | $S$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- |


| $F$ |  | $B$ |  |  | $A$ | $R$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| $J$ |  | $N$ |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |



## DAYS OF THE WEEK



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?

## which day comes before Thursday?

Exercise 2.
Fill in the blanks

$|$|  | $H \mid$ | $S$ | $D$ | $A$ | $Y$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| $S$ | $T$ | $R$ | $D$ | $\mid$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- |


| $W$ | $D$ | $N$ |  | $S$ | $D$ |  | $Y$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| $F$ |  | $I$ | $D$ |  | $Y$ |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

$M \quad N \quad D$

| $T$ |  | $E$ | $S$ |  | $A$ |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |  |
| $S$ |  | $N$ | $D$ |  | $Y$ |  |  |  |

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 $3^{\text {rd }}$ 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?
Q6. What day is the $22^{\text {nd }}$ 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 $5^{\text {th }}$ 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 $19^{\text {th }}$ 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 $24^{\text {th }}$ of February?

## Unit 17 -Ordinal Numbers.

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

- which floor do they live in? $\qquad$
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 |  | Ordinal |  |
| :---: | :---: | :---: | :---: |
| 1 | One | $1^{\text {tt }}$ | First |
| 2 | Two | $2^{\text {nd }}$ | Second |
| 3 | Three | $3^{\text {rd }}$ | Third |
| 4 | Four | $4^{\text {th }}$ | Fourth |
| 5 | Five | $5^{\text {th }}$ | Fifth |
| 6 | Six | $6^{\text {th }}$ | Sixth |
| 7 | Seven | $7^{\text {th }}$ | Seventh |
| 8 | Eight | $8^{\text {th }}$ | Eighth |
| 9 | Nine | $9^{\text {th }}$ | Ninth |
| 10 | Ten | $10^{\text {th }}$ | Tenth |
| 11 | Eleven | $11^{\text {th }}$ | Eleventh |
| 12 | Twelve | $12^{\text {th }}$ | Twelfth |
| 13 | Thirteen | $13^{\text {th }}$ | Thirteenth |
| 14 | Fourteen | $14^{\text {th }}$ | Fourteenth |
| 15 | Fifteen | $15^{\text {th }}$ | Fifteenth |

Write and practice three times.

| $1 s t$ | $=$ |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| $2 n d$ | $=$ |  |  |  |
| $3 r d$ | $=$ |  |  |  |
| $4+h$ | $=$ |  |  |  |
| $5+h$ | $=$ |  |  |  |
| $6+h$ | $=$ |  |  |  |
| $7+h$ | $=$ |  |  |  |
| $8+h$ | $=$ |  |  |  |
| $9+h$ | $=$ |  |  |  |
| $10+h$ | $=$ |  |  |  |


| $11+h$ | $=$ |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| $12+h$ | $=$ |  |  |  |
| $13+h$ | $=$ |  |  |  |
| $14+h$ | $=$ |  |  |  |
| $15+h$ | $=$ |  |  |  |
| $16+h$ | $=$ |  |  |  |
| $17+h$ | $=$ |  |  |  |
| $18+h$ | $=$ |  |  |  |
| $19+h$ | $=$ |  |  |  |
| $20+h$ | $=$ |  |  |  |

LOOK AT THE PICTURE BELOW


Exercise 1. Fill in the blanks using Ordinal numbers.


1. The Tiger is $\qquad$ in the line
2. The Lion is the $\qquad$ in the line.
3. The Snake is $\qquad$ in the line
4. who is sixth in the line? $\qquad$
5. Is the Zebra the Seventh or Eighth? $\qquad$
6. The camel is the $\qquad$ in the line.
7. The monkey is $\qquad$ in the line.
8. Who is last in the line? $\qquad$
9. If the monkey came after the Zebra, what would his position be 10. If the Tiger and snake ran away, what position would the elephant be? $\qquad$

Exercise 2 Do as per directions given.

|  | Color the last box yellow. |
| :---: | :---: |
|  | Draw an orange on the fourteenth box. |
|  | Write your name on the second box |
| MONITOR | 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. |
| SUPER | 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 $10 \star 10$ on the tenth box. |
|  | Color the first box pink. |

Exercise 3-complete the table.

| Complete the table |  |
| ---: | :--- |
| Number | Ordinal name |
|  | Thirty sixth |
| 13 | Forty eighth |
| 29 | First |
| 8 |  |
| 25 |  |
| 3 | Forty second |
| 3 |  |
| 2 | Eighteenth |
| 2 | Thirty fourth |
| 19 |  |
| 4 |  |

Exercise 4. Write the Ordinal names.

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

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. 7 morming. afternoon, evening, night]
I wake up in the to go to school.
I have breakfast in the
I eat lunch in the $\qquad$ .
I take nap in the
I go to play in the
I have dinner at
I wish "Good Night" to mom at

## 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.

Exercise 1-Tell the time:


## 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?

4. When do you play with your friends?

5. when do you have your dinner?

6. When do you go to bed?



Exercise 2-Arrange in descending order

| 16 | 21 | 83 | 5 | 0 | 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 | 600 | 689 | 559 | 589 | 689 | 500 |
| 63 | 67 | 61 | 60 | 64 | 78 | 54 |


| 672 | 786 | 123 | 765 | 875 | 432 | 65 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 897 | 532 | 967 | 564 | 432 | 900 | 432 |
|  | Exercise 3- <br> Arrange in <br> descending |  |  |  |  |  |
| order |  |  |  |  |  |  |
| 239 | 769 | 564 | 321 | 934 | 231 | 544 |
| 765 | 654 | 325 | 789 | 543 | 486 | 510 |
| 789 | 432 | 107 | 206 | 39 | 650 | 764 |
| 790 | 679 | 350 | 814 | 568 | 511 | 535 |
| 697 | 811 | 148 | 790 | 900 | 457 | 90 |
| 814 | 457 | 132 | 231 | 64 | 675 | 789 |
| 922 | 557 | 992 | 589 | 457 | 925 | 457 |
|  |  |  |  |  |  |  |
| 264 | 794 | 589 | 346 | 959 | 256 | 569 |
| Arrange in |  |  |  |  |  |  |
| ascending |  |  |  |  |  |  |$|$

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 |



One out of four parts is shaded here.


Exercise 1. Shade the fractions as given below each picture.
a.

b.

C.

d.

e.

f. पПा।
$\frac{4}{5}$
$\frac{2}{4}$
$\frac{4}{7}$
S.
$\frac{2}{6}$
n.
$\frac{11}{12}$

$\frac{5}{9}$

$\frac{1}{5}$
k.

$\frac{9}{10}$
I. $\square$ ||l|l|
$\frac{2}{7}$

Exercise 2 write the fractions for each of the following.

|  | b. |  | d. $\square$ |
| :---: | :---: | :---: | :---: |
| e. | f. | g. | h. |
|  | j. | k. $\square$ |  |

Exercise 3 Divide the shapes into equal parts, and color some of the parts, to show the fractions

| a. $\frac{1}{2} \bigwedge$ | b. $\frac{2}{2}$ | c. $\frac{1}{3}$ | d. $\frac{3}{4}$ |
| :---: | :---: | :---: | :---: |
| e. $\frac{3}{3}$ | f. $\frac{1}{6}$ | g. $\frac{4}{5}$ | h. $\frac{3}{4}$ |

REMEMBER
$1 / 2=$ half
$1 / 3=$ one third
$1 / 4=$ one fourth or one quarter

Exercise 4 - circle the correct answer for each shape

| Halves / Thirds / |
| :---: | :---: | :---: |
| Quarters |

## Test 1.

Q1. What is three times six? $\qquad$
Q2. I have one dozen apples with me. So that means I have ------- apples with me.

Q3. What is $24+24=$ $\qquad$
Q4. What is the largest two-digit number? $\qquad$ -

Q5. Write one hundred and thirty-six in the number form? $\qquad$
Q6. which number comes after 889? $\qquad$
Q7. what is $4+4+4+4+4+4=$ $\qquad$
Q8. What day comes after Thursday? $\qquad$ Q9. which is the month after July? $\qquad$
Q10. Complete the sequence. $34,37,40$, $\qquad$ , —, $\qquad$ .

Q11. count the Triangles in the picture below. $\qquad$


## Test 2.

Q1. What is five times eight? $\qquad$
Q2. I have three pairs of white shoes with me. So that means I have --.-.-. shoes with me.

Q3. What is $30+42=$ $\qquad$
Q4. What is the smallest three-digit number? $\qquad$ $-$
Q5. Write seven hundred and forty-nine in the number form? $\qquad$
Q6. which number comes after 709? $\qquad$
Q7. what is $10+1+10+1+10=$ $\qquad$
Q8. What day comes before Sunday? $\qquad$
Q9. which is the month after August? $\qquad$
Q10. Complete the sequence. 35.45 .55 $\qquad$ —, $\qquad$ .

Q11.Draw 8 ' 0 ' clock on the clock below.


## Test 3.

Q1. Which number comes in between 719 and 717? $\qquad$
Q2. What is $80+4=$ $\qquad$
Q3. which is the first month of the year? $\qquad$
Q4. How many days are there in July? $\qquad$
Q5. Complete the sequence. $34,37,40$, $\qquad$ , $\qquad$ _.
Q6. What is $30^{*} 0=$ $\qquad$
Q7. There are 12 chairs and 10 desks in my class. What is the total number of pieces of furniture in my class? $\qquad$
Q8. What is $6+10+6+10=$ $\qquad$
Q9. What is the largest three -digit number? $\qquad$ $-$
Q10. Write six hundred and eleven in the number form? $\qquad$ .

Q11. Shade up to 400 ml in the jar below.


## Test 4

Q1. which number comes in between 653 and $651 ?$ $\qquad$

Q2. What is length of this rope? = $\qquad$
Q3. Complete the following sequence?
93 91 88 86 84

Q4. Which is the sixth month of the year? $\qquad$
Q5. How many days are there in December? $\qquad$
Q6. There are 22 birds sitting on the branch of a tree. 12 more joined. How
many are there in total?


Q7. How many sides are there is this figure $=$ $\qquad$
Q8. What is the largest 4-digit number? $\qquad$

Q9. In a class 25 chairs can be placed. But Tom has only 18 chairs. How many more does he need? $\qquad$
Q10. $9-5=$ $\qquad$
Q11. What needs to be taken away from 14 to make it equal to one dozen.

## Test 5

Q1. Draw 16 marbles on this block.

Q2. How many hours are there in one day? $\qquad$
Q3. What is 2 added to 892 ? $\qquad$
Q4. Arrange the following descending order. $274,241,231,252,212$

Q5. What is the measure of one side of your pencil box? $\qquad$
Q4. write 594 in words

Q5. Complete the sequence. Mon, Tue, wed $\qquad$ , $\qquad$ .

Q6. 2*6 $=$ $\qquad$
Q7.12+ $\qquad$ $=14$

Q8. What is one greater than 100? $\qquad$
Q9. what is the measure of the sides of this rectangle?


Q10. How many months are there in a year?
Q11. Add

|  | 4 | 5 | 0 |
| :--- | :--- | :--- | :--- |
| + | 4 | 1 | 8 |
|  |  |  |  |

## Test 6

Q1. Write eight hundred and forty- six in the number form? $\qquad$
Q2. which number comes after 899 ? $\qquad$
Q3. what should be added to 8 to get 10? $\qquad$
Q4. How many days are there in a fortnight? $\qquad$
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 |
|  |  |  |$\quad$|  | 2 | 6 | 8 |
| :--- | :--- | :--- | :--- |
|  | 4 | 1 | 0 |
|  |  |  |  |$\quad$|  |  |
| :--- | :--- | :--- | :--- |

Q8. We can measure the

Q8. We can measure the
$\qquad$
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.


Q11. How many tens make 80 ? $\qquad$

## Test 7

Q1. What is ten times ten? $\qquad$
Q2. I have 10 ml water in one tube and 25 ml is another. What is the total I quantity I have together? $\qquad$
Q3. What is $12+52=$ $\qquad$
Q4. The difference between 9 and 6 is $\qquad$ .

Q5. In one box there are 729 marbles. 318 marbles were lost. How many marbles are left?

|  | T | O |
| :--- | :--- | :--- |
|  |  |  |
|  |  |  |
|  |  |  |

Q6. Draw the smaller of the triangle.


Q7. Arrange in Ascending order. $565,231,453,321,125$

Q8. Shade upto 450 ml .
Q9. Subtract


|  | 8 | 1 | 3 |
| :--- | :--- | :--- | :--- |
| - | 4 | 5 | 3 |
|  |  |  |  |

## Test 8

Q1. Circle the heavier one


Q2. Shade one quarter of the cirle and write the fraction it represents.


## Q3. What is 7 times 3?

Q4. What is the one more than largest 2-digit number? $\qquad$
Q5. In a class 25 balloons can be hung. But Tim has only 10 balloons. How many more does he need? $\qquad$
Q6 The difference between 25 and $25=$ $\qquad$
Q7. What needs to be taken away from 10 to make it equal to zero?
Q8. How many minutes are there in one hour? $\qquad$ Q9. What is 5 added to 305 ? $\qquad$
Q10. Shade one half of the triangle.


Q11. How many socks in 8 pairs of socks? $\qquad$ -


