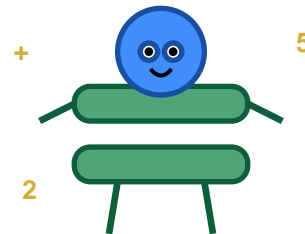


# My Maths World

1 to 100 • Place Value • + & - • Patterns



*Numbers, friends, are everywhere!*

**Modern Day Syllabus • Prep Class • Book 3 of 7**

# Welcome to maths!

I'm Maths Marvel — your number friend.

In Nursery we counted to 20.

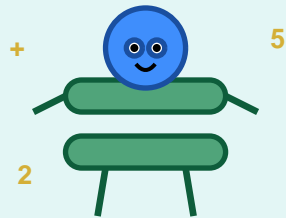
Now we go all the way to ONE HUNDRED!

We will add bigger numbers.

We will take some away.

We will find clever patterns.

Hands on. Brain on. Let's go!



# How to use this book



1. Always use real objects first — buttons, beans, coins, candies.
2. Touch each item as you count. Never count from the air.
3. On the 100 chart, follow with your finger. Find your favorite number.
4. For + and -, count the items, then check the picture.
5. Talk math: 'I had 5 grapes. I ate 2. How many left?'
6. Patterns are like songs. Read them aloud.
7. 10 minutes a day, EVERY day. Math is built in small steps.

# The Number 100 Chart

Every number from 1 to 100. Tens are in emerald!

1	2	3	4	5	6	7	8	9	<b>10</b>
11	12	13	14	15	16	17	18	19	<b>20</b>
21	22	23	24	25	26	27	28	29	<b>30</b>
31	32	33	34	35	36	37	38	39	<b>40</b>
41	42	43	44	45	46	47	48	49	<b>50</b>
51	52	53	54	55	56	57	58	59	<b>60</b>
61	62	63	64	65	66	67	68	69	<b>70</b>
71	72	73	74	75	76	77	78	79	<b>80</b>
81	82	83	84	85	86	87	88	89	<b>90</b>
91	92	93	94	95	96	97	98	99	<b>100</b>

Practice: point and count out loud — 1, 2, 3 ... all the way to 100!

# Count by TENS

*Bundles of ten make counting fast.*

10



20



30



40



50



60



70



80



90



100



# Place Value: Tens + Ones

Every two-digit number is built from TENS and ONES.

## 23



2 tens



3 ones

$$23 = 20 + 3$$

## 45



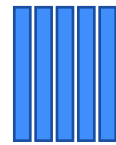
4 tens



5 ones

$$45 = 40 + 5$$

## 58



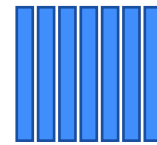
5 tens



8 ones

$$58 = 50 + 8$$

## 74



7 tens



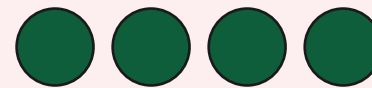
4 ones

$$74 = 70 + 4$$

★ LET'S ADD!

Addition 1 of 5 ★

$$3 + 4$$



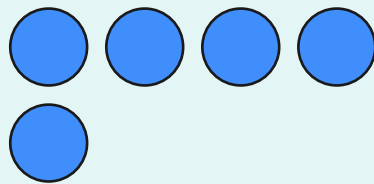
*Count all the dots together. How many?*



★ LET'S ADD!

Addition 2 of 5 ★

$$5 + 4$$

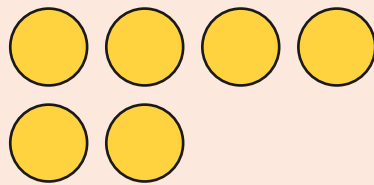


★ *Count all the dots together. How many?* ★

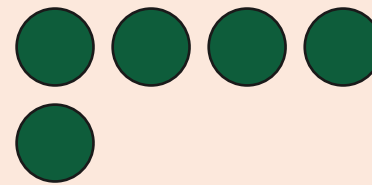
★ LET'S ADD!

Addition 3 of 5 ★

$$6 + 5$$



+



=

11



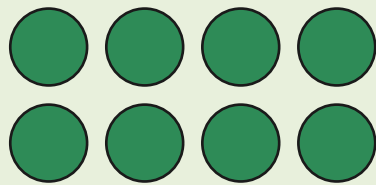
*Count all the dots together. How many?*



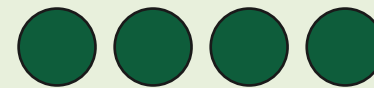
★ LET'S ADD!

Addition 4 of 5 ★

$$8 + 4$$



+



=

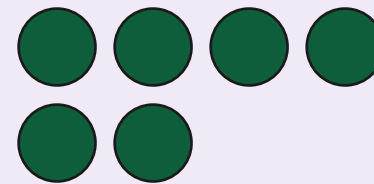
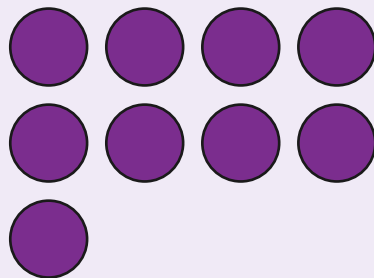
12

★ *Count all the dots together. How many?* ★

★ LET'S ADD!

Addition 5 of 5 ★

$$9 + 6$$



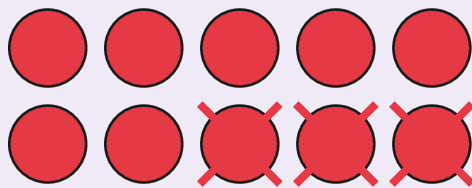
*Count all the dots together. How many?*



★ TAKE AWAY!

Subtraction 1 of 5 ★

$$10 - 3$$



-



=

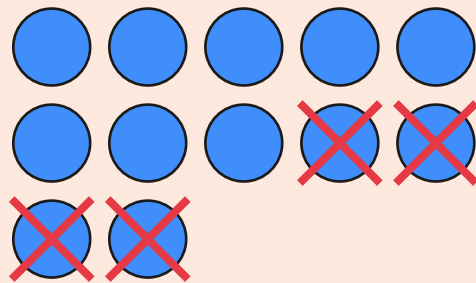


*Cross out 3. How many are left?*

★ TAKE AWAY!

Subtraction 2 of 5 ★

$$12 - 4$$



-



=



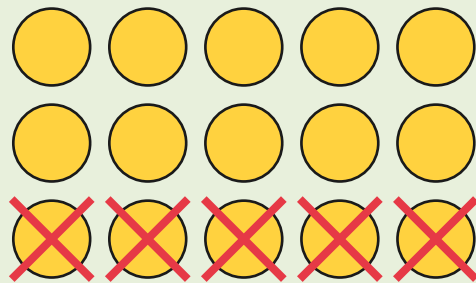
*Cross out 4. How many are left?*



TAKE AWAY!

Subtraction 3 of 5

$$15 - 5$$



-

5

=

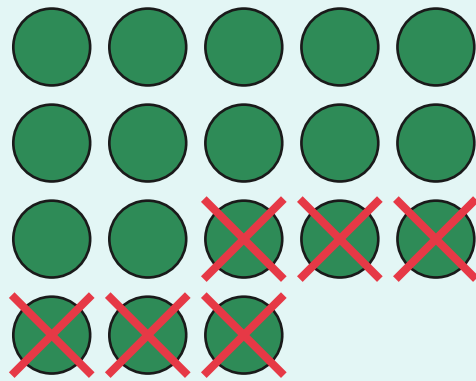
10

*Cross out 5. How many are left?*

★ TAKE AWAY!

Subtraction 4 of 5 ★

$$18 - 6$$



-



=



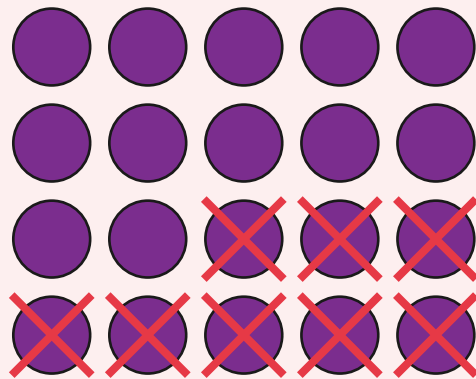
*Cross out 6. How many are left?*



★ TAKE AWAY!

Subtraction 5 of 5 ★

$$20 - 8$$



-



=



*Cross out 8. How many are left?*



# The Number Line

Numbers live in order. Jump forward to ADD, jump backward to TAKE AWAY.



## Examples:

- Start at 5. Hop forward 4 times. You land on 9.
- Start at 15. Hop backward 3 times. You land on 12.
- Start at 0. Hop forward 10 times. You land on 10.

# Counting Patterns

*Skip-counting is the magic shortcut.*

Count by 2s:



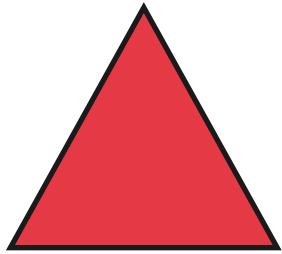
Count by 5s:



Count by 10s:

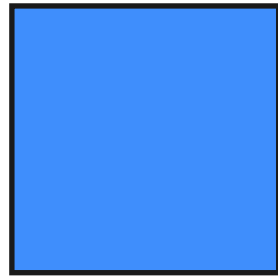


# Shapes — Count the Sides



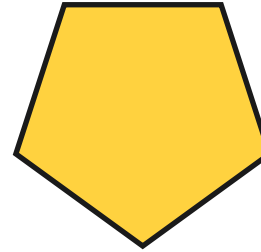
**Triangle**

*3 sides*



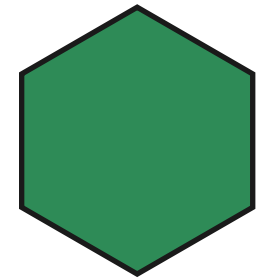
**Square**

*4 sides*



**Pentagon**

*5 sides*



**Hexagon**

*6 sides*

# The Hundred Song

*Sing to the tune of 'Frere Jacques'.*

Ten and twenty, ten and twenty,  
Thirty too, thirty too —  
Forty, fifty, sixty,  
Forty, fifty, sixty,  
Seventy, eighty,  
Ninety, hundred!

Plus and minus, plus and minus,  
Skip by twos, skip by fives —  
All the patterns dancing,  
All the numbers prancing,

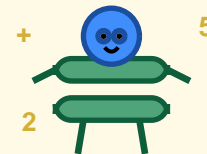
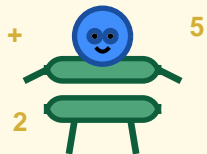


# Certificate of Achievement

*I count to 100, know place value, and can add & subtract to 20!*

This certificate is proudly presented to:

*(write the child's name here)*



***Haris Naseer***

Founder & CEO, Modern Day Syllabus

**Modern Day Syllabus • Foundations Series**

# A short note for parents and teachers



What this book builds:

- fluent counting from 1 to 100 (with the visual 100-chart as anchor)
- place value: every 2-digit number = tens + ones
- addition AND subtraction to 20 — using grouped/crossed-out objects
- the number line — the foundation of all later arithmetic
- skip-counting by 2s, 5s, 10s (foundation for multiplication tables)
- shape recognition with side-counting (early geometry)

How to teach maths well at age 5:

- ALWAYS start with real objects. Concrete → pictorial → abstract.
- 10 minutes daily — short, daily, joyful.
- for the 100 chart, play 'find the number' games together.
- let your child draw the dots themselves on a blank page first.
- count things in real life: stairs, fruits, shoes, cars in the parking lot.

Coming next in PREP:

- My Curious World 2 — animals, plants, weather (deeper)
- Our Big World — countries, jobs, transport
- Stories & Values — longer stories with bigger lessons
- Quranic Foundations — short surahs and Islamic essentials