

This block contains a vibrant collage centered around mathematical and symbolic motifs. A large, bright yellow Libra zodiac symbol is prominently displayed on a dark, textured circular backdrop. This central element is surrounded by a dense grid of smaller squares, each containing different mathematical symbols or numbers in various colors and fonts. Recognizable symbols include the Greek letters π , μ , Ω , α , λ , γ , and θ . Numbers such as 3, 8, 4, 6, 5, 9, 7, and 1 are also scattered throughout the composition. The overall aesthetic is colorful and eclectic, blending celestial themes with mathematics.

Bangladesh edition

Contents



1. Numbers 1–10

1

- Learning objectives
- Warm Up
Recall—Pre-number concept
- Matching
Maths lab activity 1 (concept)
- Which has more?
- Which has less?
- Numbers 1–9
- Zero
- Ten
Maths lab activity 2 (concept)
- Numbers 0–10
Maths lab activity 3 (concept)
- Writing 1–9
- Before/after/between
Maths lab activity 4 (concept)
- Greater than/less than
Maths lab activity 5 (concept)
- WORKSHEET for formative assessment
Hots question, Fun activity

2. Addition 1–10

20

- Learning objectives
- Warm Up
Maths lab activity 1 (concept)
- Vertical addition
- addition facts
- WORKSHEET for formative assessment

Hots questions, Fun activity

3. Subtraction 1–10

33

- Learning objectives
- Warm Up
Maths lab activity 1 (concept)
- Subtraction
- Subtraction facts
- Subtraction—how many more?
- WORKSHEET for formative assessment

Hots questions, Fun activity

4. Numbers 11–20

47

- Learning objectives
- Warm Up
Maths lab activity 1 (concept)
- Writing 11–20
- Writing number names
- Greater than/less than
- Before/after/between
- WORKSHEET for formative assessment

Hots questions, Fun activity

5. Addition 1–19

53

- Learning objectives
- Warm Up
Maths lab activity 1 (concept)
- WORKSHEET for formative assessment

Hots question, Fun activity

6. Subtraction 1–19

63

- Learning objectives

- Warm Up
Maths lab activity 1 (concept)
- WORKSHEET for formative assessment
Hots question, Fun activity

7. Shapes and Pattern 71

- Learning objectives
- Warm Up
Maths lab activity 1 (concept)
- Circle
Maths lab activity 2 (skill)
- Rectangle
- Square
- Triangle
- Solid shapes
Maths lab activity 3 (concept)
- Patterns
Maths lab activity 4 (concept)
- WORKSHEET for formative assessment
Hots question, Fun activity
Summative Assessment-1 (chapters 1-7)

8. Numbers 21–100 85

- Learning objectives
- Warm Up
Maths lab activity 1 (concept)
- Numbers 21–100
- Numbers 1–100
- Using an abacus
- Before/after/between
- Ascending order/descending order
- Greater than/less than
- Ordinal numbers

- Expanded form
- WORKSHEET for formative assessment
Hots question, Fun activity

9. Addition and subtraction 1–99 106

- Learning objectives
- Warm Up
Recall
- Addition of tens
- Subtraction of tens
- Addition of a 2-digit number and 1-digit number
Maths lab activity 1 (concept)
- Subtraction of a 1-digit number from a 2-digit number
Maths lab activity 2 (concept)
- Addition of 2-digit numbers
Maths lab activity 3 (concept)
- Subtraction of 2-digit numbers
Maths lab activity 4 (concept)
- Regrouping tens and ones
- Addition with regrouping (2-digit+ 1-digit)
- Regrouping tens and ones
- Subtraction with regrouping (2-digit-1-digit)
- Addition with regrouping (2digit+ 2-digit)
- Subtraction with regrouping (2-digit-2-digit)
- WORKSHEET for formative assessment
Hots question, Fun activity

10. Money 132

- Learning objectives



- Warm Up
 - Coins and notes
 - Shopping
 - WORKSHEET for formative assessment
- Hots questions, MCQs, Fun activity

11. Measurements 139

- Learning objectives
 - Warm Up
 - Recall
 - Length
 - Maths lab activity 1 (skill)
 - Weight
 - Maths lab activity 2 (skill)
 - Capacity
 - Maths lab activity 3 (skill)
 - Maths lab activity 4 (skill)
 - WORKSHEET for formative assessment
- Hots question, Fun activity

12. Time 147

- Learning objectives
 - Warm Up
 - Maths lab activity 1
 - Telling the time
 - The calendar
 - Months and years
 - WORKSHEET for formative assessment
- Hots question, Fun activity

13. Multiplication 153

- Learning objectives
- Warm Up
- Maths lab activity 1 (concept)

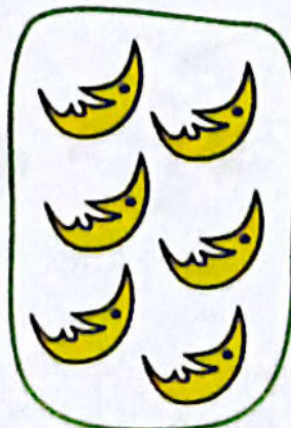
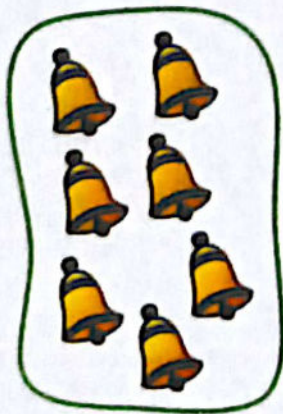
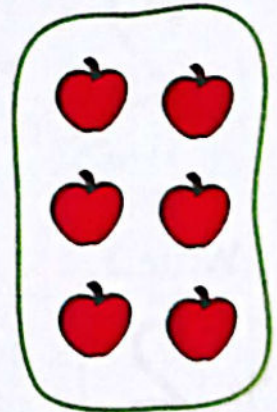
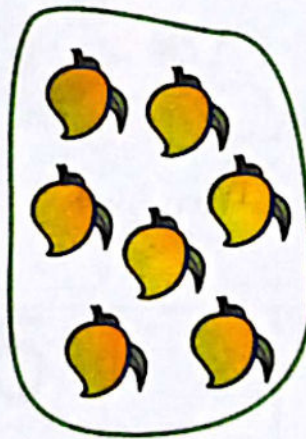
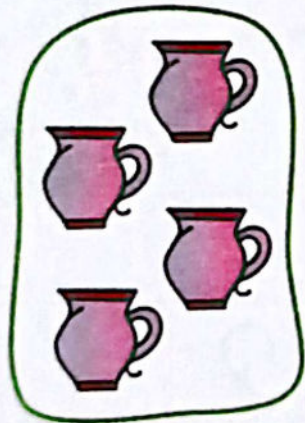
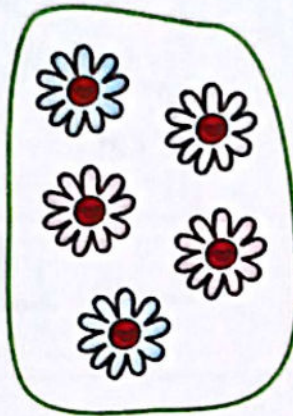
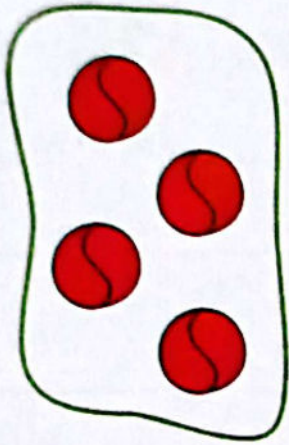
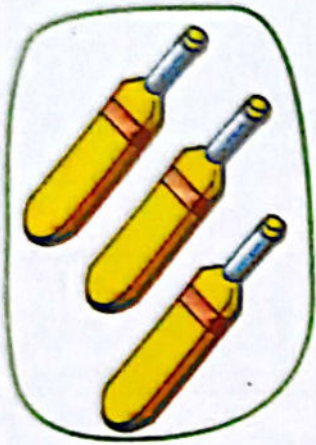
- Skip counting in 3s and 5s
 - Multiplication
 - Maths lab activity 2 (concept)
 - Multiplication tables
 - WORKSHEET for formative assessment
- Hots question, Fun activity

14. Date Handling 168

- Learning objectives
 - Warm Up
 - Maths lab activity 1
 - WORKSHEET for formative assessment
- Hots questions, Fun activity
- ### **Summative Assessment-2** (chapters 8-14) 171

• Which has less?

Put a ✓ on the set which has less.



• Zero

3 children are on the swing.



Zahir goes away.

How many are left?



Hasan goes away.

How many are left?



Zinnia also goes away.

Now there are no children.

There are 0 children on

the swing.



Write 0

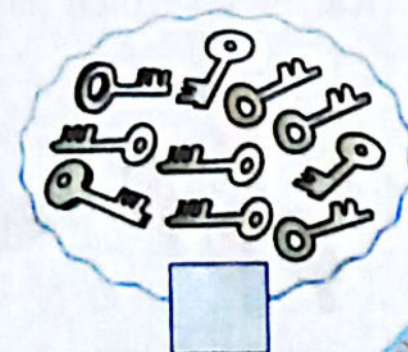
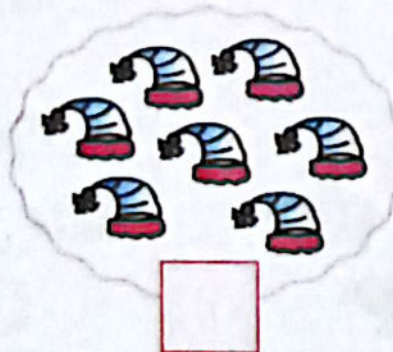
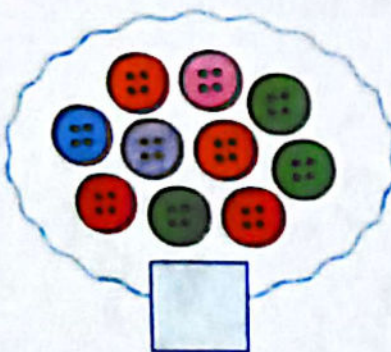
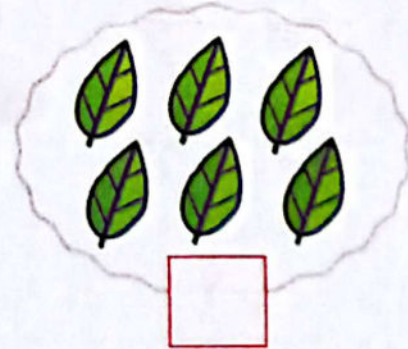
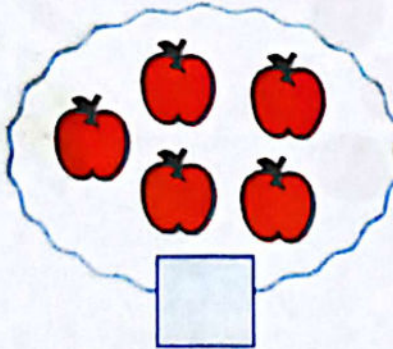
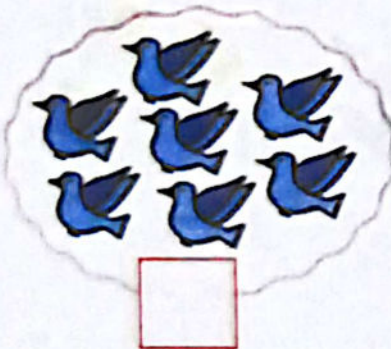
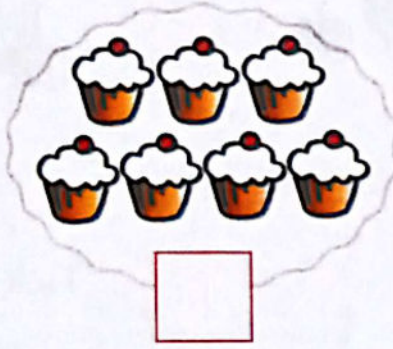
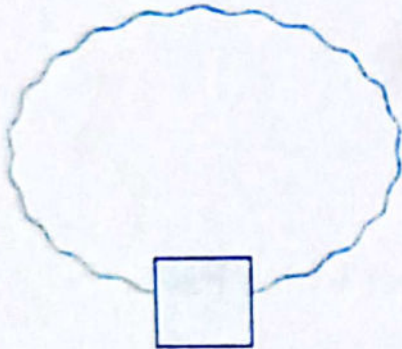
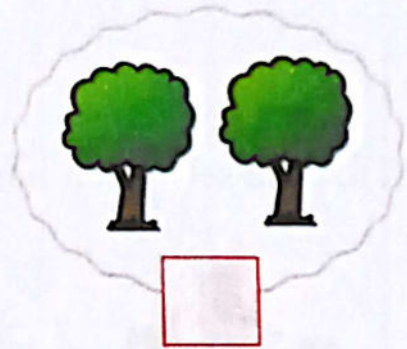
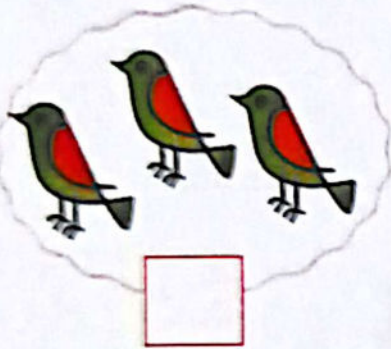
0	0			0	0		
---	---	--	--	---	---	--	--

• Numbers 0–10

Maths Lab Activity 3

For the teacher. It is very important for children to learn to count concrete objects before proceeding to count pictures in the book. Give them enough practice with objects like ice-cream spuns, plastic counters, stones etc.

Count and write.



• Before / After / Between



Maths Lab Activity 4

For the teacher. Let the children work on the number strips made on a cardboard. They can be made as standard equipment and kept in the maths lab or in the class.

Use the number strip to find out.

0	1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	---	----

The number after

2 is	3 is
6 is	1 is
4 is	9 is
8 is	7 is

The number before

7 is	9 is
5 is	4 is
3 is	2 is
6 is	1 is

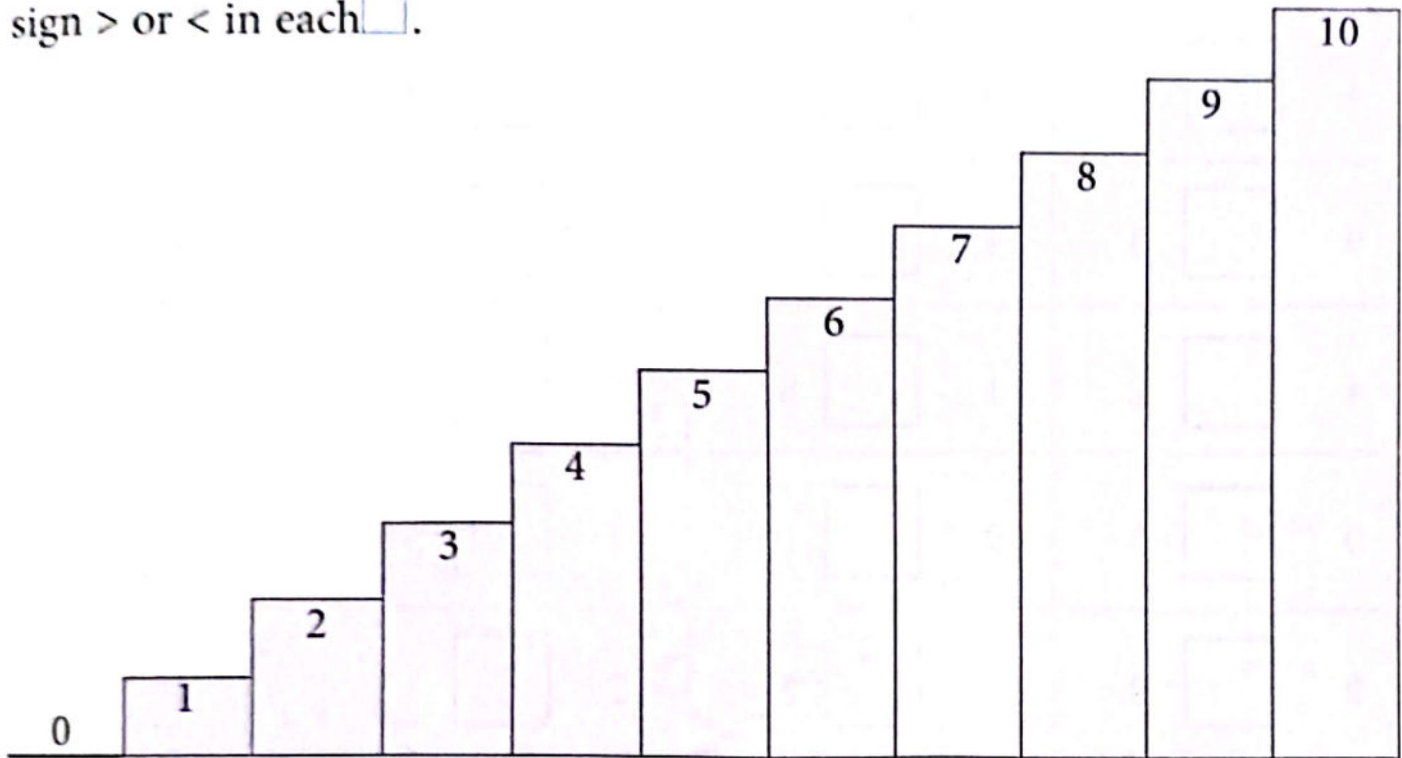
Fill in the as shown.



Before	After
3 4	6
8	3
10	9
7	5
5	8

Between	Between
1 2 3	3 5
0 2	2 4
4 6	7 9
7 9	5 7
8 10	6 8

Use this picture to help you fill the correct sign $>$ or $<$ in each .



7		5
3		1
2		5
8		6
9		5
9		10
8		3
3		7

2		5
3		10
3		7
10		8
2		4
5		10
8		1
10		3

5		4
2		1
6		7
1		2
8		7
3		4
7		6
4		5

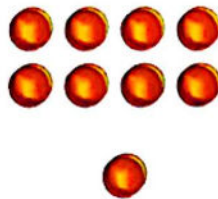
6. 8 birds were sitting on a tree.
2 more join them. How many
birds are there now?



7. There were 4 chairs in a room.
4 more chairs are brought in.
How many chairs are there
in the room now?



8. Fatima had 8 marbles.
Zahid gave her 1 more.
How many marbles does
Fatima have now?



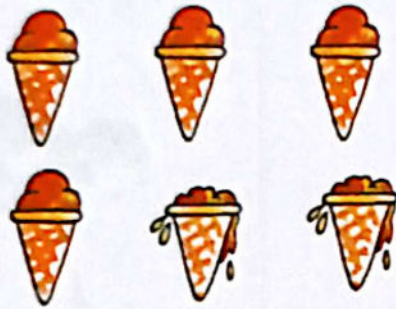
9. A school had 7 computers.
2 more are bought.
How many computers does
the school have now?



10. Riya buys 5 balloons from one shop.
She buys 5 more balloons from
another shop. How many balloons
does she have now?



Jose bought 6 ice-creams. 2 melted.



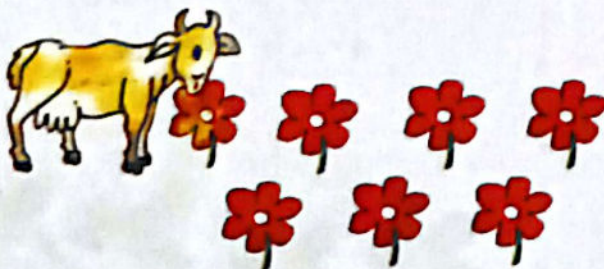
How many left?

There were 7 apples on a tree. Farhana picked 2.



How many left?

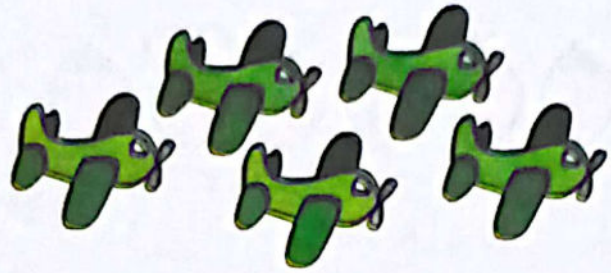
There were 7 flowers. A goat ate 1.



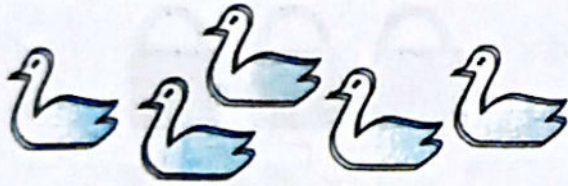
How many left?



$$5 - 4 = \square$$



$$5 - 3 = \square$$



$$5 - 2 = \square$$



$$5 - 1 = \square$$



$$5 - 5 = \square$$



$$6 - 5 = \square$$



$$6 - 4 = \square$$



$$6 - 3 = \square$$



$$6 - 2 = \square$$



$$6 - 1 = \square$$

• Greater than / Less than

Compare and fill in the with >, < or =

$8 \quad \square \quad 15$

$11 \quad \square \quad 15$

$19 \quad \square \quad 14$

$18 \quad \square \quad 10$

$18 \quad \square \quad 17$

$15 \quad \square \quad 16$

$15 \quad \square \quad 11$

$19 \quad \square \quad 18$

$17 \quad \square \quad 7$

$12 \quad \square \quad 12$

$13 \quad \square \quad 16$

$9 \quad \square \quad 19$

$11 \quad \square \quad 10$

$10 \quad \square \quad 12$

$19 \quad \square \quad 16$

$20 \quad \square \quad 19$

• Before / After / Between

Fill in the as shown.

Before

After

Between

Between

$\square \quad 19$

$19 \quad \square$

$10 \quad \square \quad 12$

$14 \quad \square \quad 16$

$\square \quad 11$

$12 \quad \square$

$13 \quad \square \quad 15$

$17 \quad \square \quad 19$

$\square \quad 13$

$15 \quad \square$

$16 \quad \square \quad 18$

$15 \quad \square \quad 17$

$\square \quad 15$

$17 \quad \square$

$11 \quad \square \quad 13$

$18 \quad \square \quad 20$

$\square \quad 17$

$18 \quad \square$

$12 \quad \square \quad 14$

$11 \quad \square \quad 13$

Add

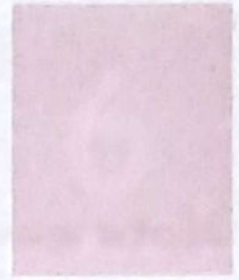
11	+	1	=	
11	+	4	=	
11	+	7	=	
11	+	2	=	
11	+	6	=	
11	+	8	=	
11	+	3	=	
11	+	5	=	

12	+	1	=	
12	+	5	=	
12	+	2	=	
12	+	7	=	
12	+	3	=	
12	+	6	=	
12	+	4	=	

13	+	1	=	
13	+	3	=	
13	+	4	=	
13	+	2	=	
13	+	6	=	
13	+	5	=	
14	+	1	=	
14	+	4	=	
14	+	2	=	

14	+	3	=	
14	+	5	=	
15	+	1	=	
15	+	2	=	
15	+	4	=	
15	+	3	=	
16	+	2	=	
16	+	3	=	
17	+	2	=	
18	+	1	=	

6. Peter has to buy 12 books for himself and 5 books for his sister. How many books does Peter have to buy?



7. 13 children are playing cricket. 6 more join them. How many children are playing cricket now?



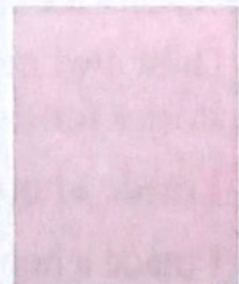
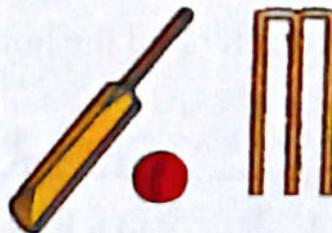
8. Peter has 12 marbles. Ali gave him 8 more. How many marbles does Peter have now?



9. There were 7 chairs in a room. 8 more are brought in. How many chairs are there in the room now?



10. Robin scored 8 runs in the first cricket match. He scored 11 runs in the second match. How many runs did he score in all?



• Numbers 31–40

Write as tens and ones. Then write the numeral and the number name.

	3 tens 1 one = 31	thirty-one
	3 tens 2 ones = 32	thirty-two
	tens ones =	
	tens ones =	
	tens ones =	
	tens ones =	
	tens ones =	
	tens ones =	
	tens ones =	
	tens ones =	

• Subtract

$$\begin{array}{r} \text{T O} \\ 18 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 12 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 24 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 28 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 55 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 63 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 47 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 39 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 67 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 79 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 84 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 88 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 94 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 68 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 77 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 99 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 66 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 78 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 85 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 98 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 28 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 36 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 55 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 67 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 73 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 99 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 89 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 76 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 88 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 97 \\ - 5 \\ \hline \end{array}$$

Measurements

11

Learning Objectives



You will be able to:

- compare lengths.
- measure length using your body parts.
- compare the weights of objects.
- compare and measure capacities.

Warm Up



Recall

Tick (✓) the one that is

Illustrations for comparison tasks:

- tall**: A tall palm tree and a short bush.
- short**: A long pencil and a short pencil.
- long**: A long train and a short train.
- small**: A large red shoe and a small red shoe.
- big**: A large yellow kite and a small striped kite.
- thick**: A thick candle and a thin candle.
- thin**: A thick book and a thin book.