



Grade 1 Maths

Measurement

Fun • Practical • Hands-on • Real Life

What you'll practise

Length • Height • Weight • Capacity • Comparing measurements • Choosing suitable units

Name: _____

Date: _____

Teacher Answer Key included

Length

Measure and compare how long things are.

1. Circle the longer object in each pair.

A	Pencil: _____	Ruler: _____	Longer: _____
B	Book: _____	Notebook: _____	Longer: _____
C	Short crayon: _____	Long crayon: _____	Longer: _____

2. Complete using **longer**, **shorter** or **same length**.

a	A pencil is _____ than a ruler.
b	A classroom door is _____ than a book.
c	Two objects can be the _____ length.

Measure with Non-Standard Units

We can measure using cubes, paper clips or other objects.

1. Count the cubes and write the length.

A		Length: _____ cubes
B		Length: _____ cubes
C		Length: _____ cubes

2. Which is longer?

a	A line with 6 cubes	A line with 4 cubes	Answer: _____
b	A line with 5 cubes	A line with 7 cubes	Answer: _____

3. Draw a line that is about 6 cubes long.

Height

Height tells us how tall or short something is.

1. Put these in order from **shortest to tallest**:

■ plant ■ teddy ■ building

1. _____ 2. _____ 3. _____

2. Complete the sentences.

a	A giraffe is _____ than a cat.
b	A pencil is _____ than a child.
c	A chair is usually _____ than a table.
d	A tree can be _____ than a person.

3. Draw something tall and something short.

Tall: _____ Short: _____

Weight

Weight tells us how heavy or light something is.

1. Circle the heavier object in each pair.

A	apple	watermelon	Heavier: _____
B	pencil	stack of books	Heavier: _____
C	feather	school bag	Heavier: _____

2. Complete using **heavy** or **light**.

a	A feather is _____.
b	A full suitcase is _____.
c	A balloon is usually _____.

Capacity

Capacity tells us how much a container can hold.

1. Circle the container that can hold more.

A	spoon	bucket	More: _____
B	cup	bathtub	More: _____
C	small jar	large bucket	More: _____

2. Complete using **more** or **less**.

a	A bucket can hold _____ water than a cup.
b	A spoon can hold _____ water than a jug.
c	A large bottle can hold _____ water than a small bottle.

Choose a Suitable Unit

Different objects need different units of measurement.

Object	Best choice
Length of a pencil	cm / m
Height of a classroom door	cm / m
Length of a playground	cm / m
Weight of a school bag	g / kg
Capacity of a water bottle	mL / L

2. Choose the more sensible measurement.

	A pencil is about	15 cm / 15 m
	A child is about	1 m / 10 m
	A bucket may hold	10 L / 10 mL

Compare Measurements

Use the clues to compare length, weight and capacity.

1. Read each clue and answer the question.

a. Ribbon A is 8 cubes long. Ribbon B is 5 cubes long.	Which is longer? _____
b. A bag weighs more than a pencil.	Which is heavier? _____
c. A jug holds more water than a cup.	Which has greater capacity? _____
d. A 10 cm line and a 10 cm line are the same length.	Are they equal? _____

2. Draw two objects that have different lengths.

Measurement in Real Life

Think about measurement in everyday life.

1. Riya wants to measure the length of her pencil. Should she use a ruler or a bucket? _____
2. Dad wants to know how much water a bottle can hold. Should he think about length or capacity?

3. A shopkeeper wants to know how heavy a bag of rice is. Should he measure weight or height?

4. You want to know how tall your friend is. Should you measure height or capacity? _____
5. Which is more useful for measuring a road: centimetres or metres? _____
6. Find one object at home and describe it using a measurement word.
Object: _____ It is _____.

Super Measurement Challenge

Show what you know!

1	Which is longer: 2 m or 2 cm? _____
2	Which is heavier: a feather or a school bag? _____
3	Which holds more: a cup or a bucket? _____
4	Choose a sensible unit for a pencil: cm or m? _____
5	A ribbon is 7 cubes long. Another is 9 cubes long. Which is longer? _____
6	Put in order from lightest to heaviest: feather, book, school bag.
7	Name one thing you would measure in metres: _____

■ Confidence Check

I can compare length and height.	☐ Yes ☐ Almost ☐ I need more practice
I can compare weight and capacity.	☐ Yes ☐ Almost ☐ I need more practice
I can choose a sensible unit.	☐ Yes ☐ Almost ☐ I need more practice

Teacher Answer Key

Answers for Pages 2–10.

Page 2 – Length

1: The visibly longer object in each pair. 2: a) shorter b) longer c) same.

Page 3 – Non-Standard Units

1: A=5 cubes, B=7 cubes, C=4 cubes. 2: a) 6-cube line b) 7-cube line. 3: drawing should be about 6 cubes long.

Page 4 – Height

1: plant, teddy, building. 2: a) taller b) shorter c) shorter d) taller. 3: answers vary.

Page 5 – Weight

1: A watermelon, B stack of books, C school bag. 2: a) light b) heavy c) light.

Page 6 – Capacity

1: A bucket, B bathtub, C large bucket. 2: a) more b) less c) more.

Page 7 – Suitable Unit

1: pencil=cm; door=m; playground=m; school bag=kg; water bottle=mL/L depending on size. 2: a) 15 cm b) 1 m c) 10 L.

Page 8 – Compare Measurements

a) Ribbon A b) bag c) jug d) Yes. Drawings vary.

Page 9 – Real Life

1) ruler 2) capacity 3) weight 4) height 5) metres. 6) answers vary.

Page 10 – Super Challenge

1) 2 m 2) school bag 3) bucket 4) cm 5) 9-cube ribbon 6) feather, book, school bag 7) answers vary.