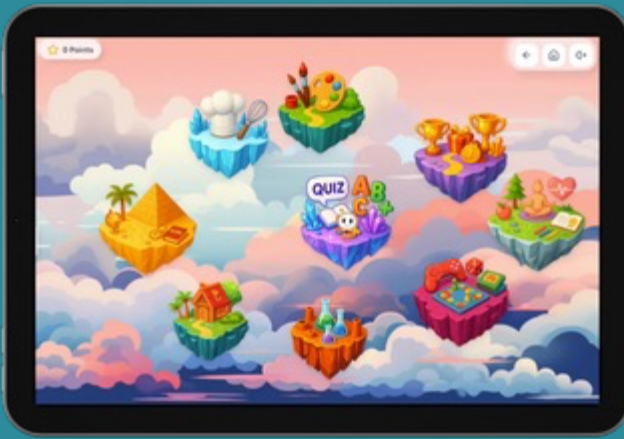


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Measurement Mania Year 1

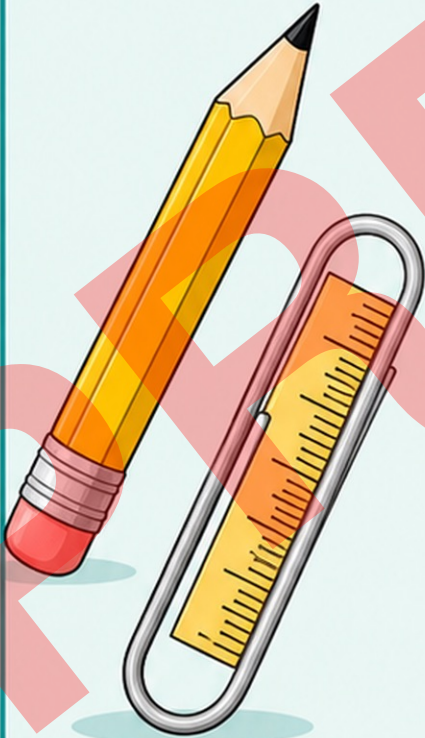
Table of Contents	
Presentation: Measurement Mania Year 1	
Classroom Display: Measurement Mania	
Activity: Measurement Station Sort	
Game: Measure and Move Trail	
Worksheet: Length Line-Up	
Worksheet: Cube Measure	
Worksheet: Capacity Compare	
Worksheet: Mass Match	
Worksheet: Measurement Mix-Up	
Quiz: Measurement Mania Year 1	
Assessment: Measurement Check-In	
Rubric: Measurement Mania Year 1 Rubric	



Measurement Mania

Length

How long
or tall?



Mass

How heavy?



Capacity

How much
can it hold?



Compare. Measure. Explain.

Measurement Station Sort



Length



Cut, sort and explain your thinking.

Mass



Capacity



pencil



ribbon



shoe



desk



book



apple



backpack



lunchbox



cup



bottle



bucket



jar

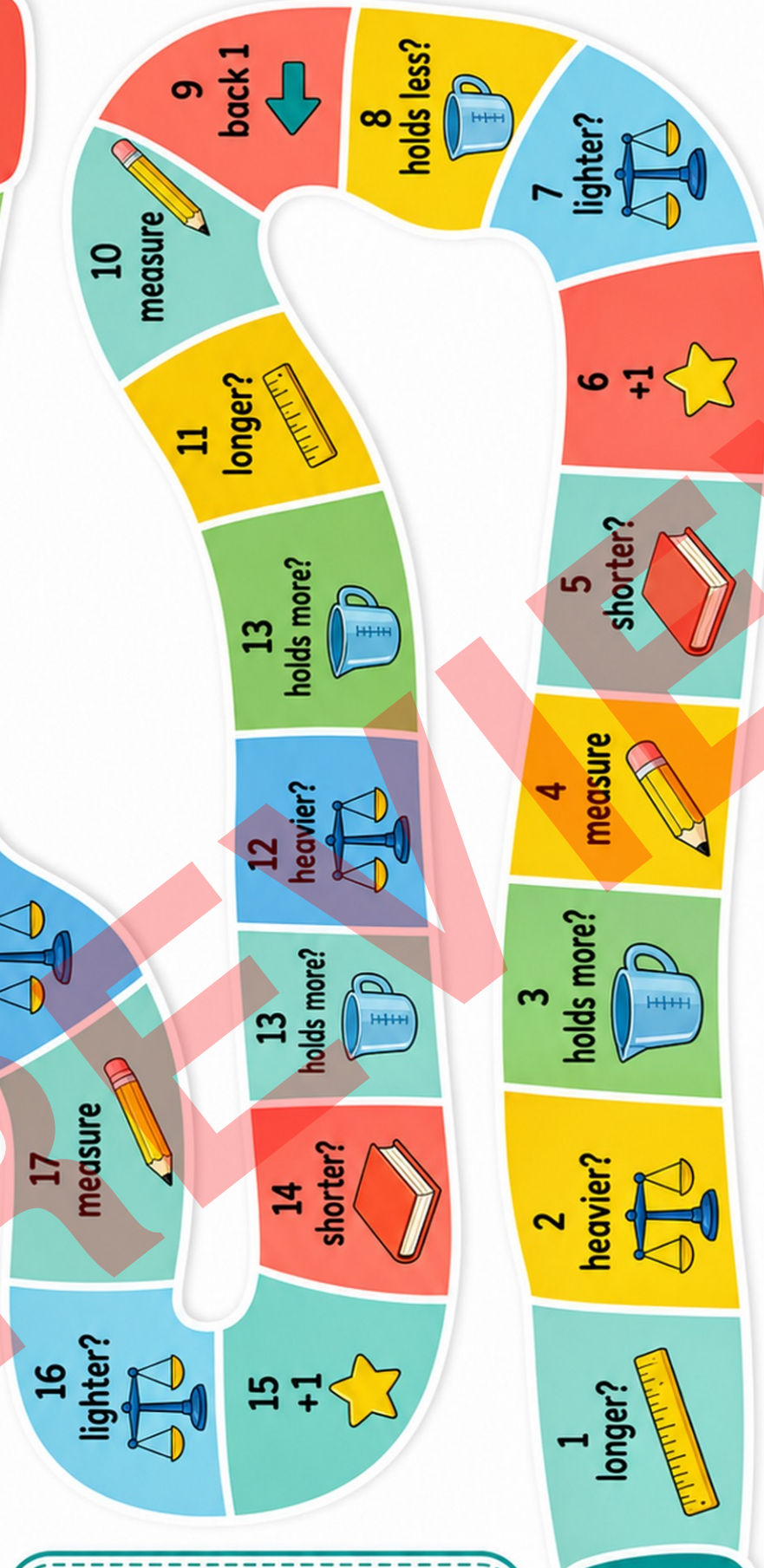


Measure and Move Trail

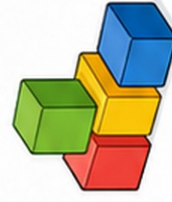


Roll, move
and answer.
Explain your
thinking to
stay on the
space.

START

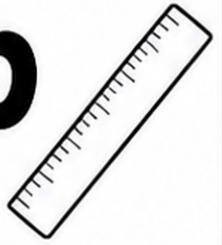


Use classroom objects to prove your answer.





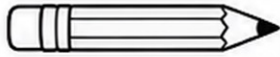
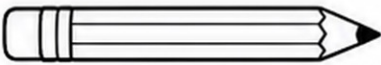
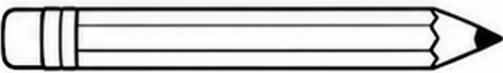
Length Line-Up



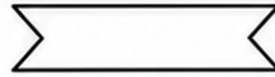
Name: _____

Write 1, 2, 3 to order each set from shortest to longest.

A

☐☐☐

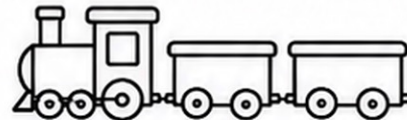
B

☐☐☐

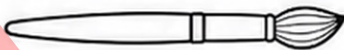
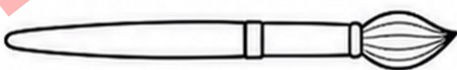
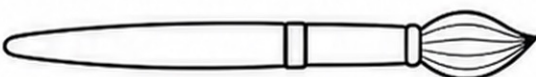
C

☐☐☐

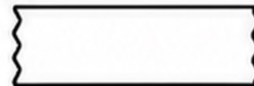
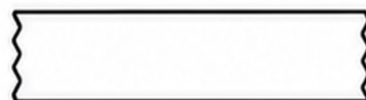
D

☐☐☐

E

☐☐☐

F

☐☐☐



Length Line-Up



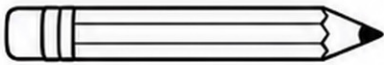
Name: ANSWERS

Write 1, 2, 3 to order each set from shortest to longest.

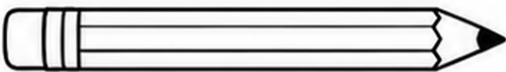
A



1

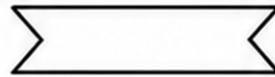


2



3

B



1



2



3

C



1



2

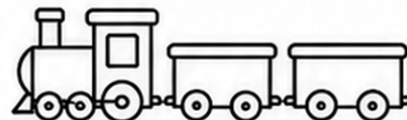


3

D



1

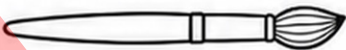


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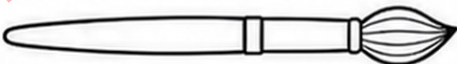


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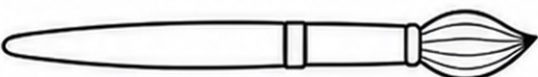
E



1

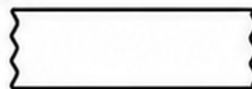


2



3

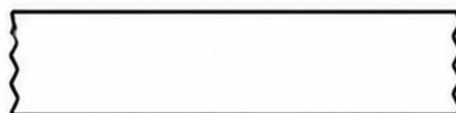
F



1



2



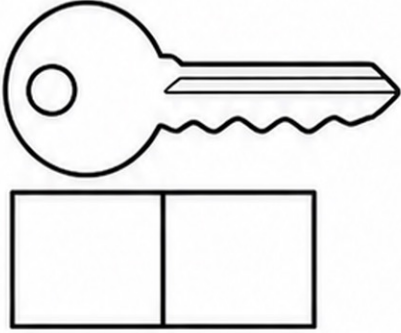
3

Cube Measure

Name: _____

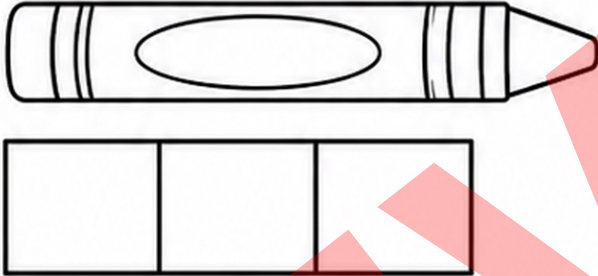
Count the cubes. Write how long each object is.

A.



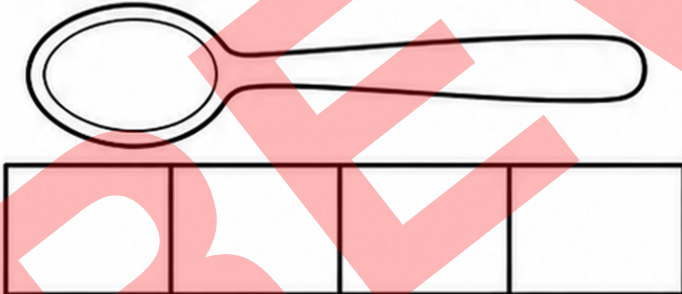
The key is _____
cubes long.

B.



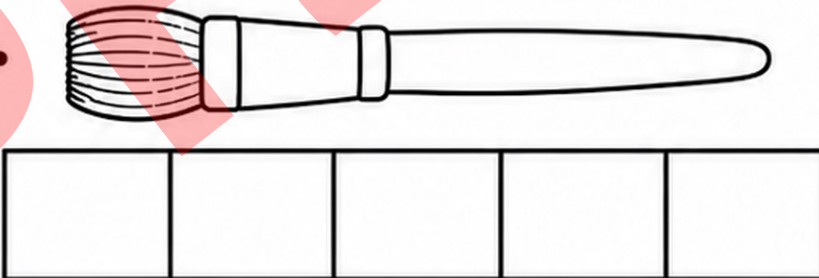
The crayon is _____
cubes long.

C.



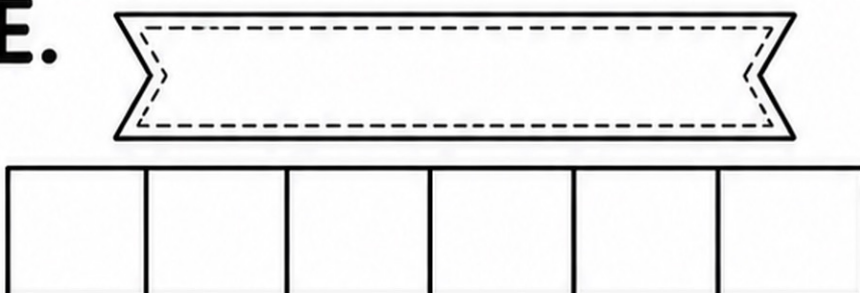
The spoon is _____
cubes long.

D.



The brush is _____
cubes long.

E.



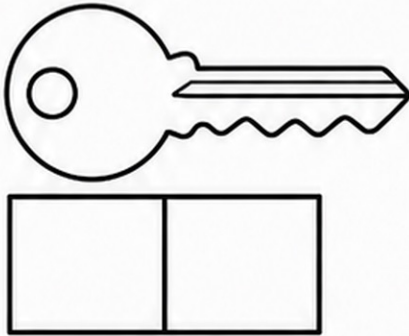
The ribbon is _____
cubes long.

Cube Measure

Name: ANSWERS

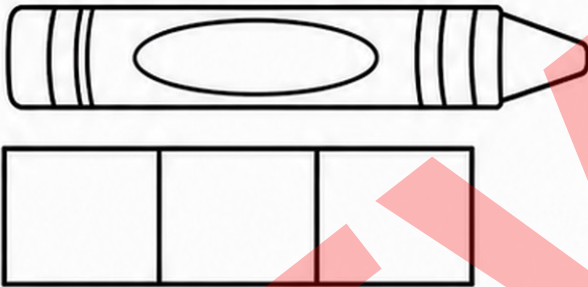
Count the cubes. Write how long each object is.

A.



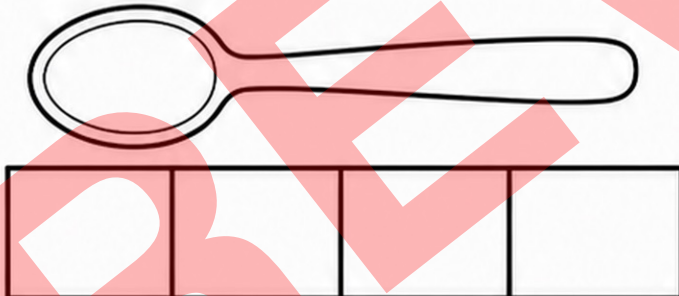
The key is 2
cubes long.

B.



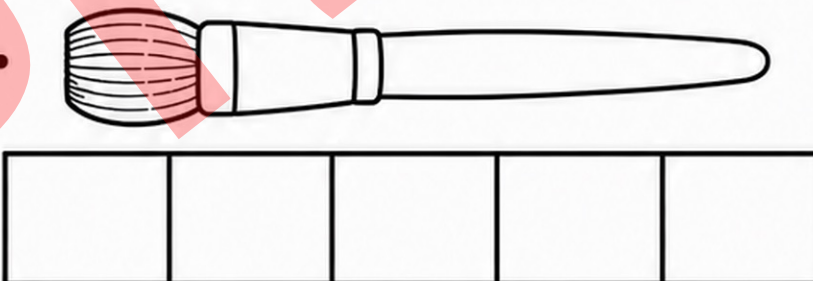
The crayon is 3
cubes long.

C.



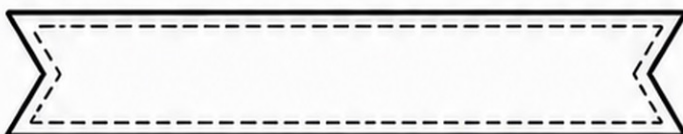
The spoon is 4
cubes long.

D.



The brush is 5
cubes long.

E.



The ribbon is 6
cubes long.

Capacity Compare

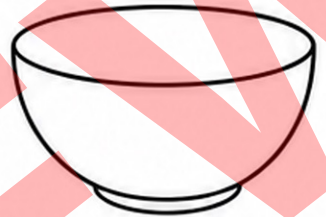
Name: _____

Write M for holds more and L for holds less.

A



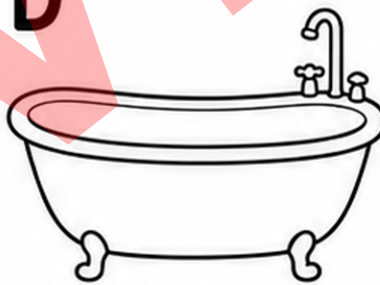
B



C



D



E



F



Capacity Compare

Name: ANSWERS

Write M for holds more and L for holds less.

A



L



M

B



L



M

C



L



M

D



M



L

E



L



M

F



M



L

Mass Match

Name: _____

Write H for heavier and L for lighter.

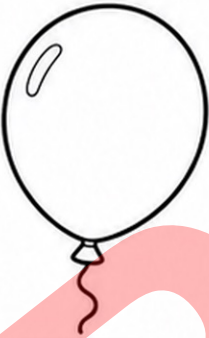
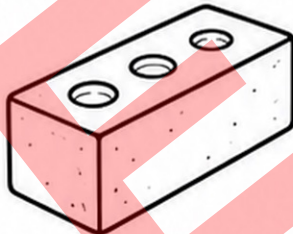
A

☐☐

B

☐☐

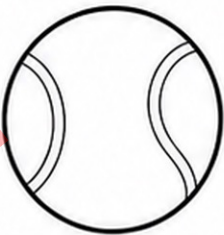
C

☐☐

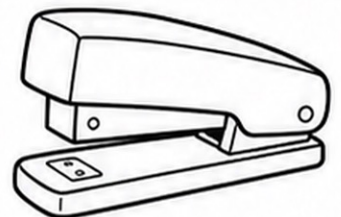
D

☐☐

E

☐☐

F

☐☐

Mass Match

Name: ANSWERS

Write H for heavier and L for lighter.

A



L



H

B



L

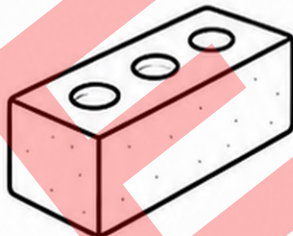


H

C



L



H

D

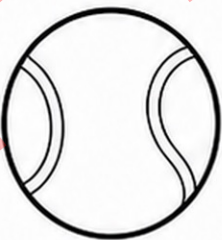


L



H

E



L

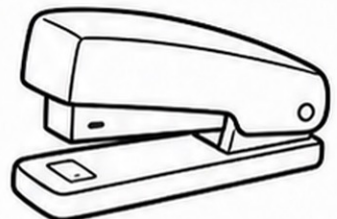


H

F



L

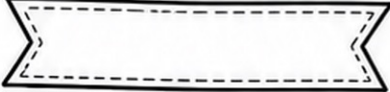


H

Measurement Mix-Up

Name: _____

Tick the measurement idea that matches each question.

Question	Length	Mass	Capacity
1. How long is the ribbon? 	☐	☐	☐
2. How heavy is the book? 	☐	☐	☐
3. How much can the cup hold? 	☐	☐	☐
4. How tall is the tower? 	☐	☐	☐
5. How heavy is the bag? 	☐	☐	☐
6. How much can the jar hold? 	☐	☐	☐

Measurement Mix-Up

Name: ANSWERS

Tick the measurement idea that matches each question.

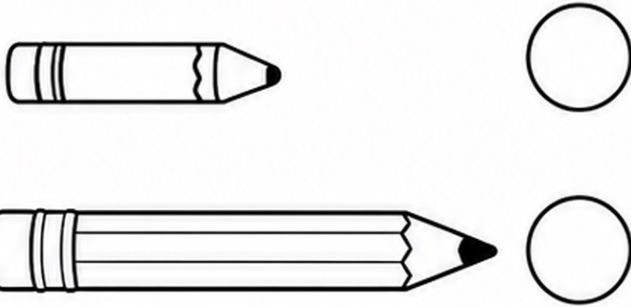
Question	Length	Mass	Capacity
1. How long is the ribbon? 	☒	☐	☐
2. How heavy is the book? 	☐	☒	☐
3. How much can the cup hold? 	☐	☐	☒
4. How tall is the tower? 	☒	☐	☐
5. How heavy is the bag? 	☐	☒	☐
6. How much can the jar hold? 	☐	☐	☒

Measurement Check-In

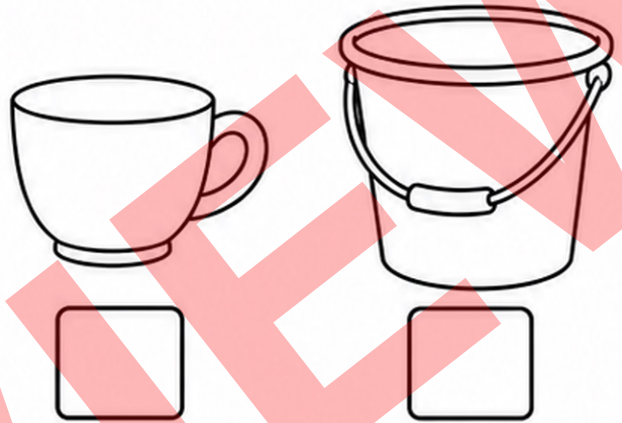
Name: _____

Show what you know about length, mass and capacity.

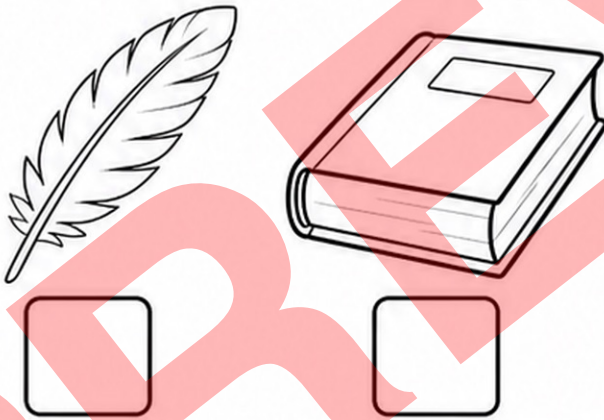
1. Circle the longer object.



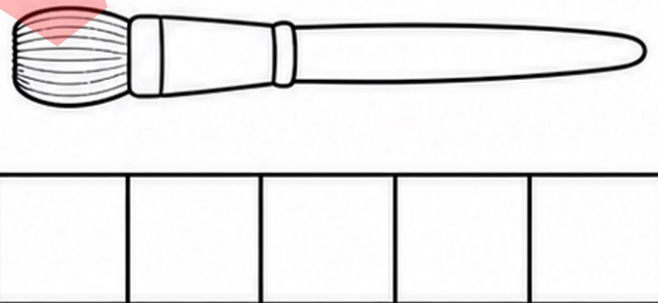
2. Tick the container that holds more.



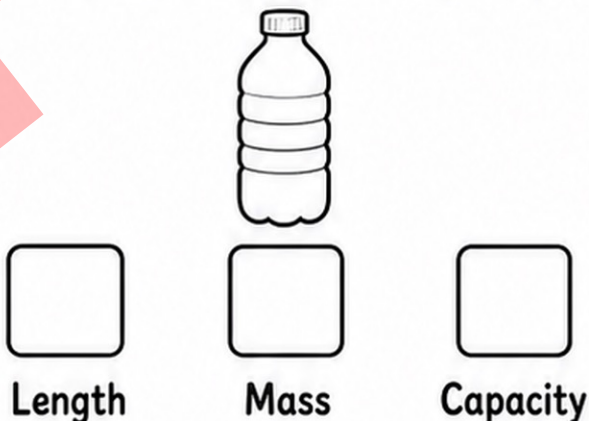
3. Write H for heavier and L for lighter.



4. Count the cubes. The brush is _____ cubes long.



5. Tick the measurement idea:
How much can the bottle hold?



6. Match the words.

Length

Mass

Capacity

How long?

How heavy?

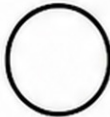
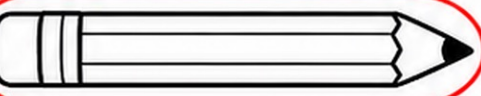
How much can it hold?

Measurement Check-In

Name: ANSWERS

Show what you know about length, mass and capacity.

1. Circle the longer object.



2. Tick the container that holds more.



3. Write H for heavier and L for lighter.

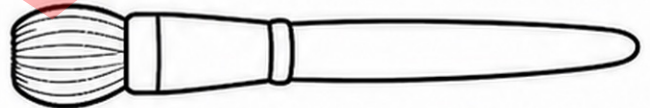


L



H

4. Count the cubes. The brush is 5 cubes long.



5. Tick the measurement idea:
How much can the bottle hold?



Length



Mass



Capacity

6. Match the words.

Length



How long?

Mass



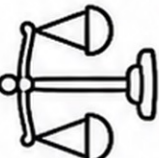
How heavy?

Capacity



How much can it hold?

Update – Measurement Mania Year 1 Rubric

Criteria	BEGINNING	DEVELOPING	ACHIEVING	CONFIDENT	EXCEEDING
 Identifies the measurement idea	Needs support	Names one idea	Chooses the right idea	Chooses and explains	Explains with examples
 Compares length, mass and capacity	Guesses	Compares with help	Compares correctly	Uses correct language	Justifies comparisons
 Measures with informal units	Needs modelling	Counts with help	Counts units correctly	Measures carefully	Checks and explains
 Records answers clearly	Incomplete	Some answers clear	Answers mostly clear	Answers clear and accurate	Work is accurate and neat
 Explains thinking	Limited response	Simple response	Gives a reason	Uses measurement words	Clear detailed reasoning

Measurement Mania Year 1



Learning Goal

We can compare and measure length, mass and capacity using classroom objects.



What Is Measurement?

Measurement helps us describe size, weight and how much something can hold.



Length

Length tells how long, short or tall something is. We can compare objects side by side.



Using Informal Units

We can measure length with equal units such as blocks, cubes or paperclips.



Mass

Mass tells how heavy or light an object is. A balance scale can help us compare.



Capacity

Capacity tells how much a container can hold. We compare containers by filling or imagining the space inside.



Good Measuring Habits

Start at the end, use equal units, leave no gaps and count carefully.



Compare First

Use words such as longer, shorter, heavier, lighter, holds more and holds less.



Choose the Right Idea

Ask: Am I measuring how long, how heavy, or how much it can hold?



Explain Your Thinking

Use measurement words and evidence from the objects you compared or measured.



Classroom Challenge

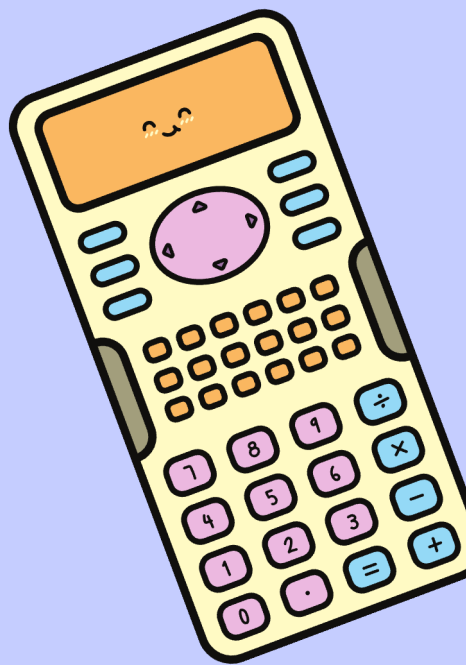
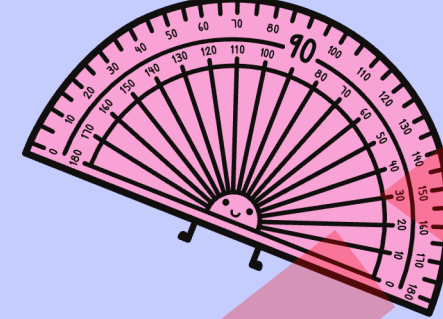
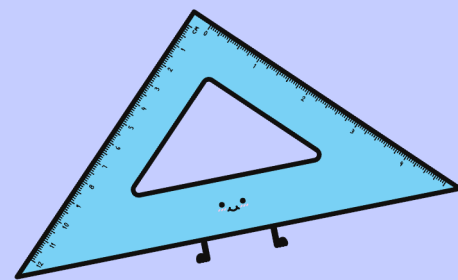
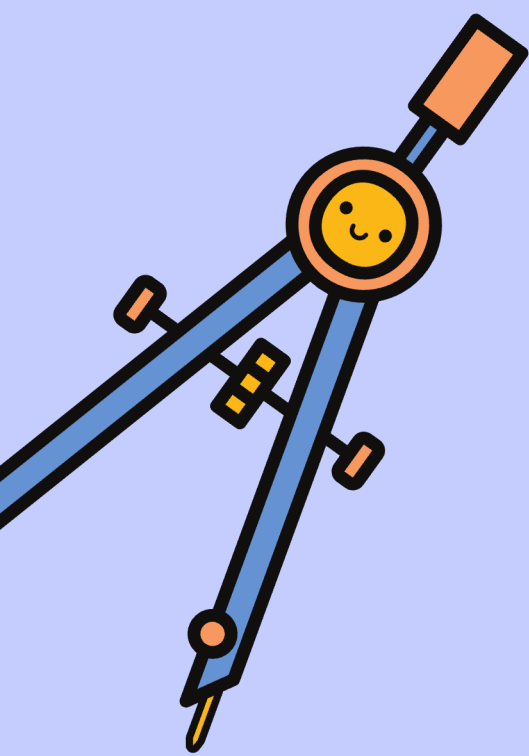
Find two objects. Compare them, measure them, and tell a partner what you noticed.



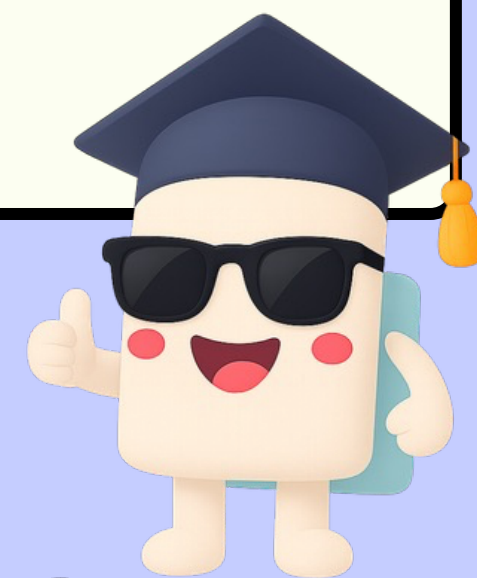
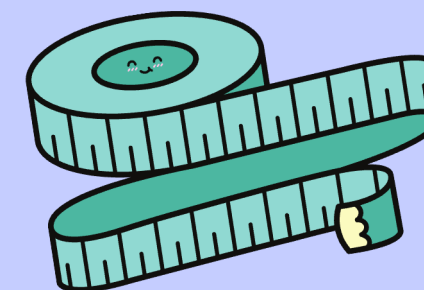
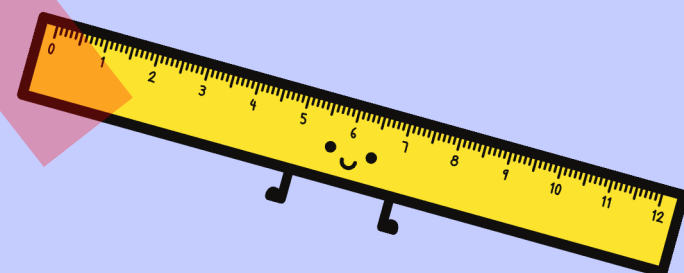
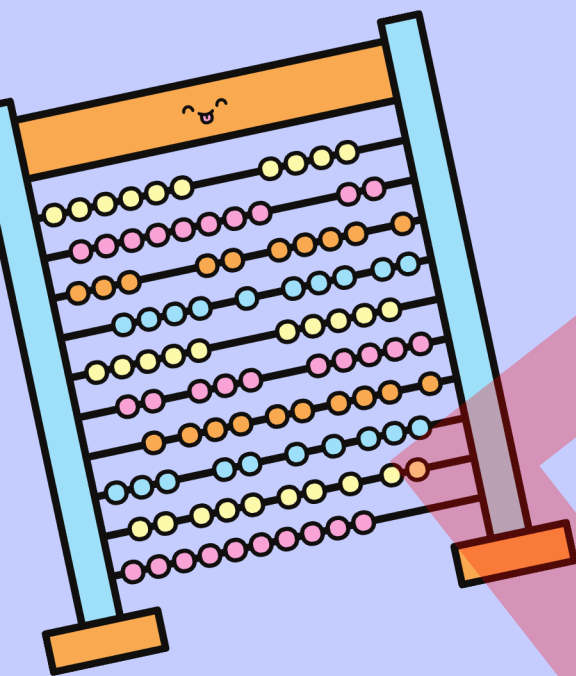
Review

Length, mass and capacity help us describe and compare objects
in useful ways.





Great Work!



Measurement Mania Quiz



Question 1

Question 1

Which word means how long something is?

- A. mass
- B. length
- C. capacity
- D. answer



Answer 1

Answer 1

B. length



Question 2

Question 2

True or false: A bucket usually holds more than a cup.



Answer 2

Answer 2

True.



Question 3

Question 3

A brush is 5 cubes long. How many cubes long is it?



Answer 3

Answer 3

5 cubes long



Question 4

Question 4

Which object is usually heavier?

A. feather

B. book

C. tissue

D. balloon



Answer 4

Answer 4

B. book



Question 5

Question 5

What measurement idea answers: How much can the bottle hold?



Answer 5

Answer 5

Capacity



Question 6

Question 6

True or false: When measuring with cubes, the cubes should have no gaps.



Answer 6

Answer 6

True.



Question 7

Question 7

Which phrase compares mass?

- A. longer than
- B. heavier than
- C. holds less
- D. taller than



Answer 7

Answer 7

B. heavier than



Question 8

Question 8

Name one informal unit you could use to measure length.



Answer 8

Answer 8

Example: cubes, blocks or paperclips.



Question 9

Question 9

Which container likely holds less?

A. bathtub

B. bucket

C. spoon

D. jug



Answer 9

Answer 9

C. spoon



Question 10

Question 10

Which measurement idea would you use to compare two pencils?

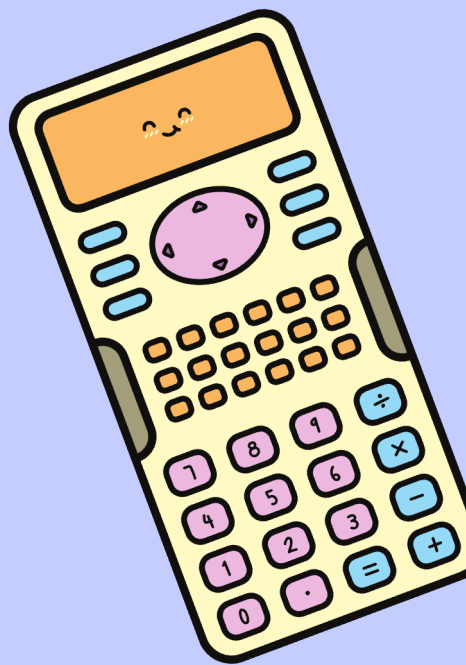
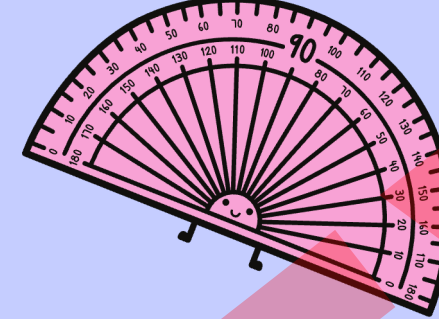
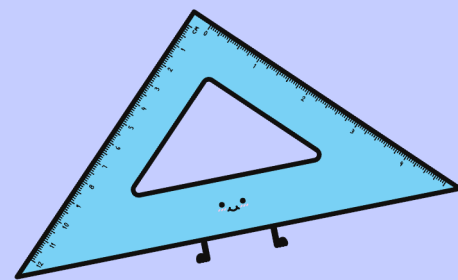
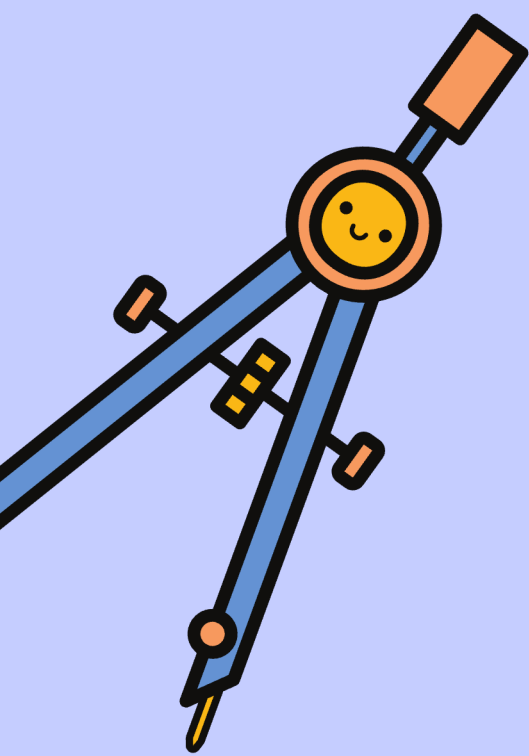


Answer 10

Answer 10

Length





Well Done!

