

Sukindi

— LEARNING —

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Measurement Unit - Foundation

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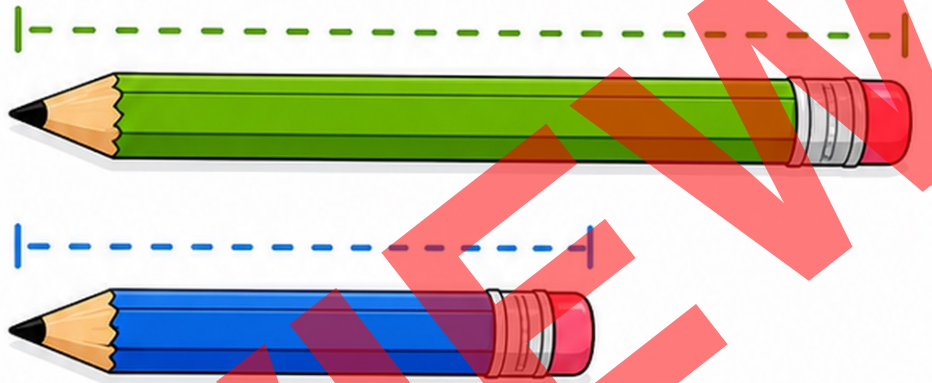


Measurement

We can compare and measure things.

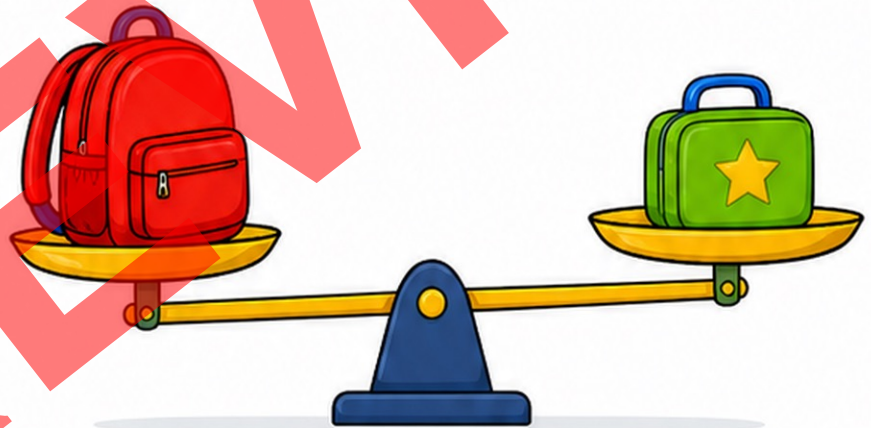
Length

longer /
shorter



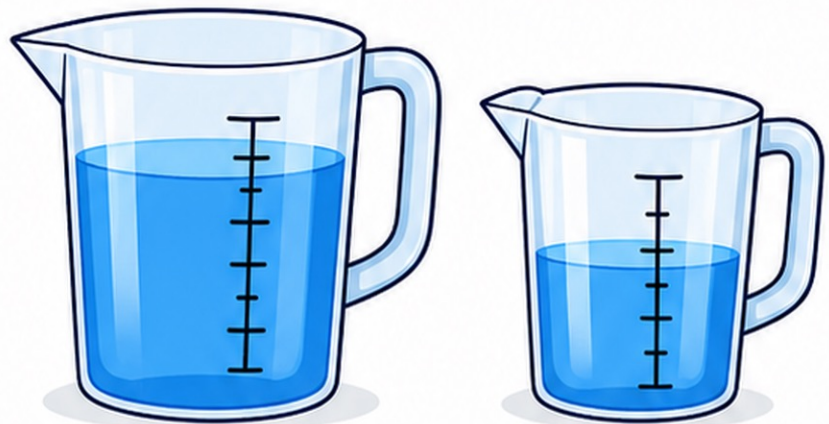
Mass

heavier /
lighter



Capacity

holds more /
holds less



Look, compare, then explain what you notice

Measure Around the Room

Name: _____



Use cubes. Estimate first. Then measure.

Object	My estimate	Actual cubes
 pencil		
 book		
 glue stick		
 scissors		
 drink bottle		
 shoe		

Which object was longest? _____

Measurement Match-Up Game

Name: _____

Cut out the cards. Match each pair.

longer



shorter



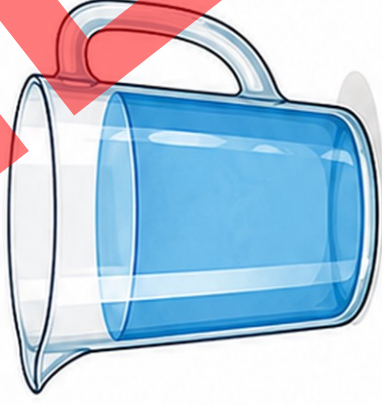
heavier



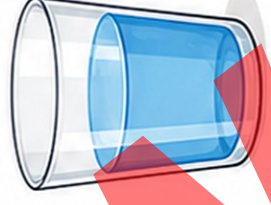
lighter



holds more



holds less



Longer or Shorter?

Name: _____

Circle the longer object in each row.

1		
2		
3		
4		
5		

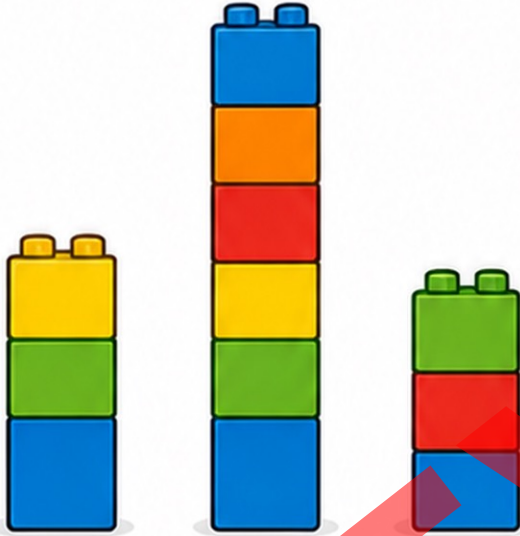
I can compare length.

Tallest Tower

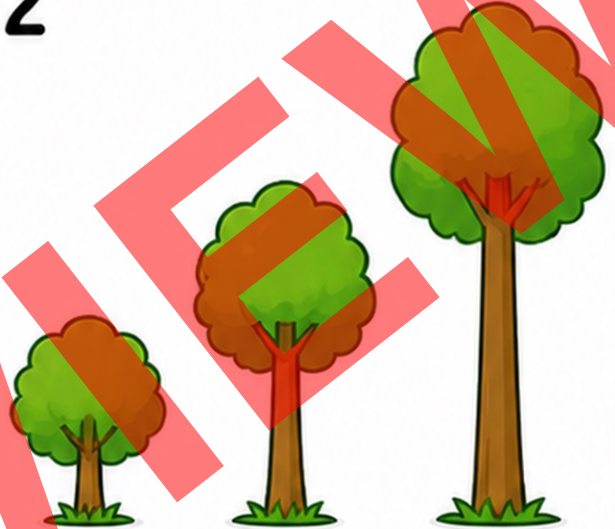
Name: _____

Circle the tallest object in each box.

1



2



3



4



I can compare height.

Measure with Cubes

Name: _____

Count the cubes. Write the number.

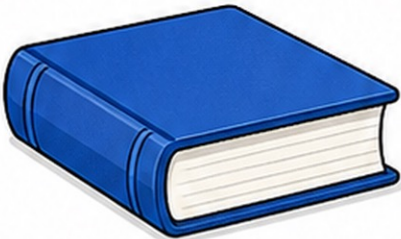
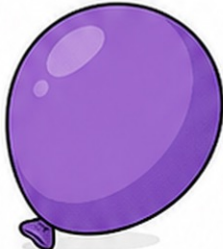
	Object	Cubes	Number
1			
2			
3			
4			
5			

I can measure with informal units.

Heavier or Lighter?

Name: _____

Circle the heavier object in each row.

1			
2			
3			
4			
5			

I can compare mass.

Which Holds More?

Name: _____

Circle the container that holds more.

1		
2		
3		
4		
5		

I can compare capacity.

Longer or Shorter?

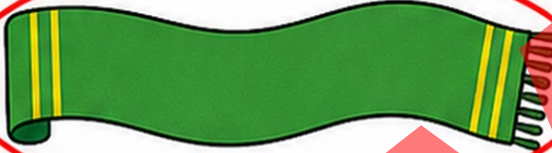
Name: ANSWERS

Circle the longer object in each row.

1



2



3



4



5



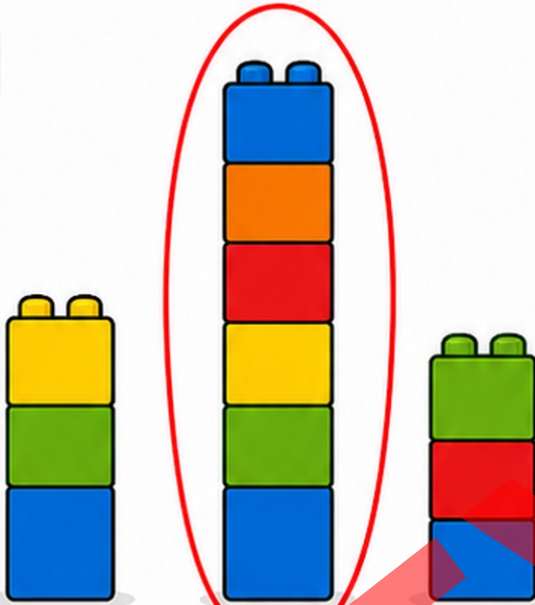
I can compare length.

Tallest Tower

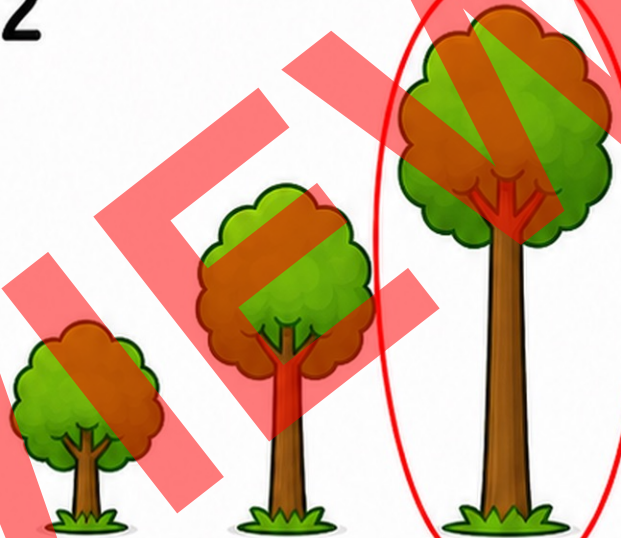
Name: ANSWERS

Circle the tallest object in each box.

1



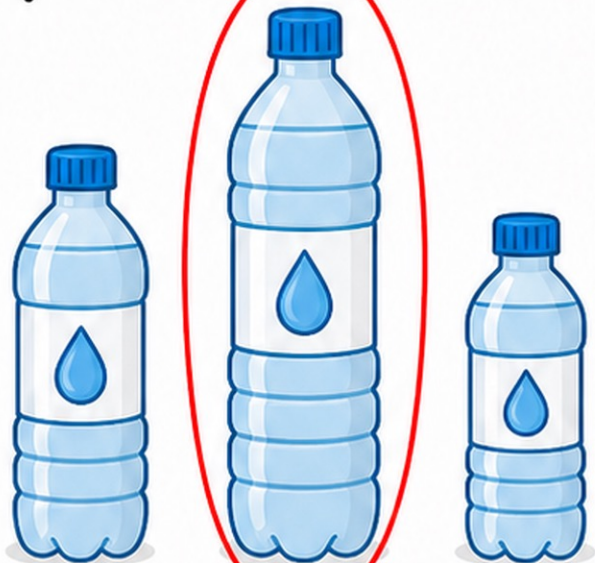
2



3



4



I can compare height.

Measure with Cubes

Name: ANSWERS

Count the cubes. Write the number.

	Object	Cubes	Number
1			4
2			5
3			6
4			3
5			7

I can measure with informal units.

Heavier or Lighter?

Name: ANSWERS

Circle the heavier object in each row.

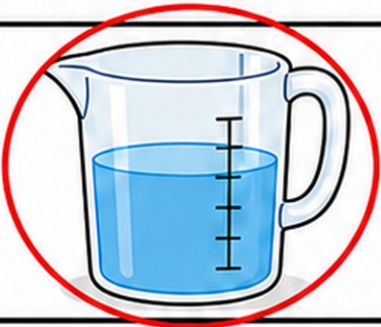
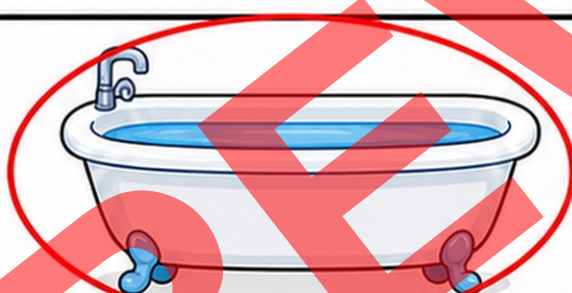
1			
2			
3			
4			
5			

I can compare mass.

Which Holds More?

ANSWERS

Circle the container that holds more.

1		
2		
3		
4		
5		

I can compare capacity.

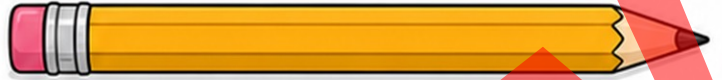
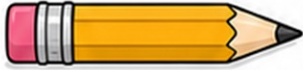
Measurement Check

Name: _____

Show what you know.

1.

Circle the longer pencil.



2.

Circle the tallest flower.



3.

Circle the heavier object.



4.

Circle the container that holds more.



5.

Count the cubes. Write the number.



Measurement Check

Name: ANSWERS

Show what you know.

1.

Circle the longer pencil.



2.

Circle the tallest flower.



3.

Circle the heavier object.



4.

Circle the container that holds more.



5.

Count the cubes. Write the number.



6

I can compare and measure.



Measurement Unit - Foundation Rubric



	BEGINNING	DEVELOPING	ACHIEVING	CONFIDENT	EXCEEDING
Measurement words 	Uses some measurement words with help. Identifies simple words in examples.	Uses some measurement words when prompted. Recognises them in pictures.	Uses measurement words correctly in simple situations (longer, shorter, taller, heavier, lighter, more, less).	Uses a range of measurement words accurately and independently across situations.	Uses measurement words precisely and explains their meaning in different contexts.
Comparing objects 	Compares objects with support. Answers are inconsistent.	Compares objects in familiar contexts with some help. Answers are sometimes correct.	Compares objects by length, height, mass and capacity with mostly correct answers.	Accurately compares and orders objects by length, height, mass and capacity independently.	Accurately compares and orders objects and justifies choices using appropriate words.
Informal units 	Measures with informal units with support. Count is not consistent.	Measures with informal units with some help. Count may have small errors.	Measures familiar objects with informal units. Counts carefully with few errors.	Measures and records objects with informal units accurately and consistently.	Measures using informal units efficiently and chooses suitable units for purpose.
Explaining thinking 	Gives a simple answer with minimal explanation.	Gives a reason with support or prompting.	Explains thinking using measurement words and simple reasoning.	Explains thinking clearly using correct words and justifies choices.	Explains thinking in detail and uses examples to support reasoning.

★ Additional notes:



Sukindi
— LEARNING —

Measurement



Learning Goal

We are learning to compare and measure objects.
We can talk about length, height, mass and capacity.



What Is Measurement?

Measurement helps us describe objects.

We can compare things by looking, touching and checking carefully.



Length

Length tells how long or short something is.

We can compare two objects side by side.



Height

Height tells how tall or short something is.

Look from the bottom to the top.



Informal Units

We can measure with cubes, blocks or counters.
Use the same unit each time and count carefully.



Capacity

Capacity tells how much a container can hold.

A big jug can hold more than a small cup.



Mass

Mass tells how heavy or light something is.
We can compare objects with our hands or a balance scale.



Choose Good Words

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



Explain Your Thinking

Say what you notice.

Tell how you checked.

Use measurement words in your answer.



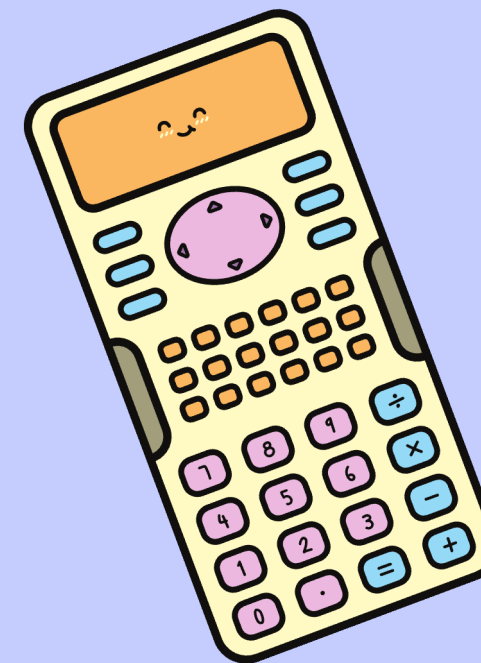
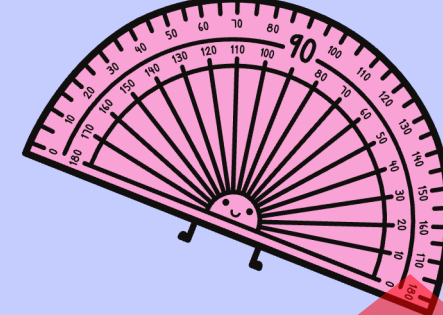
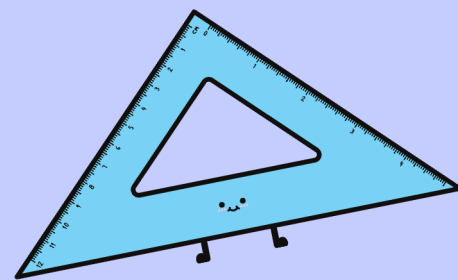
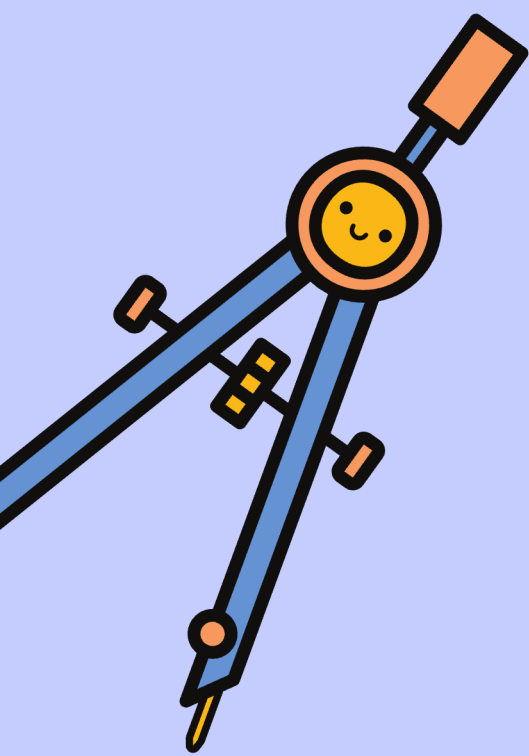
Your Turn

Compare two classroom objects.

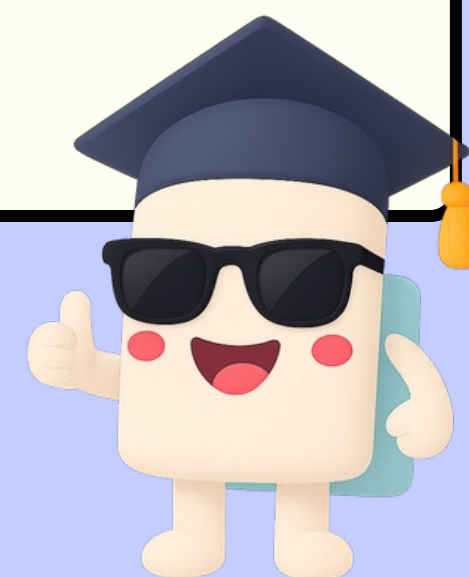
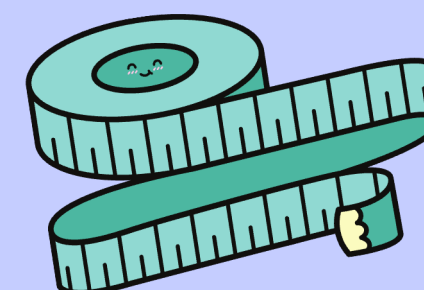
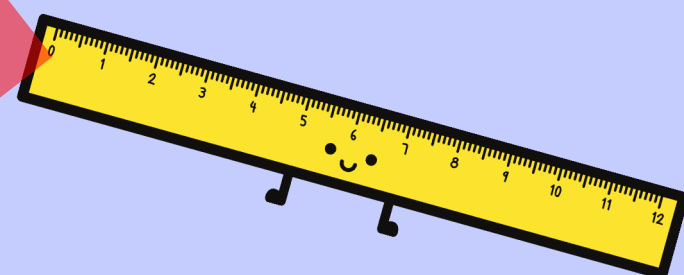
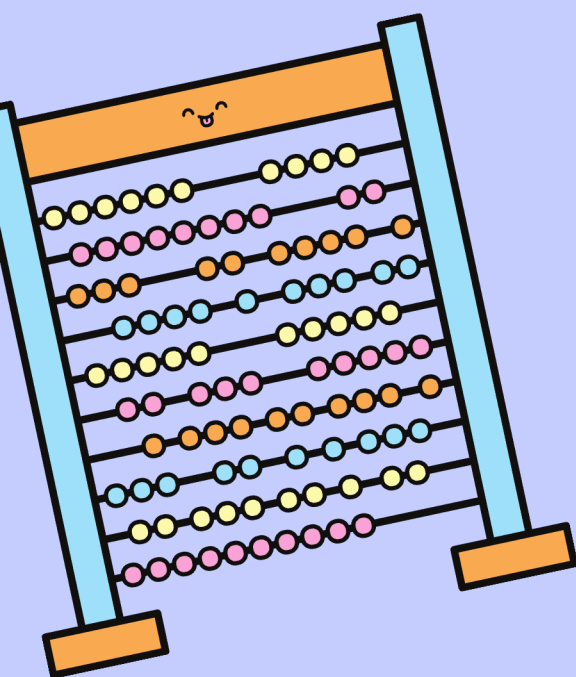
Measure one object with cubes.

Share what you found.





Well Done!



Measurement Quiz



Question 1

Which word means how long or short something is?

- A. length
- B. colour
- C. sound
- D. taste



Answer 1

A. length



Question 2

True or false: A longer pencil is shorter than a short pencil.



Answer 2

False. A longer pencil has more length.



Question 3

Short answer: What can you use to measure a book in class?



Answer 3

Cubes, blocks or another informal unit.



Question 4

Which object is usually heavier?

- A. feather
- B. brick
- C. leaf
- D. paper clip



Answer 4

B. brick



Question 5

True or false: Capacity tells how much a container can hold.



Answer 5

True.



Question 6

Short answer: Which word means not as heavy?



Answer 6

lighter



Question 7

Which container would hold more water?

- A. small cup
- B. large bucket
- C. spoon
- D. bottle cap



Answer 7

B. large bucket



Question 8

True or false: To compare length fairly, place objects side by side.



Answer 8

True.



Question 9

Short answer: If an object covers 6 cubes, how many cubes long is it?



Answer d

6 cubes long



Question 10

Which word describes the tallest object in a group?

A. shortest

B. lightest

C. tallest

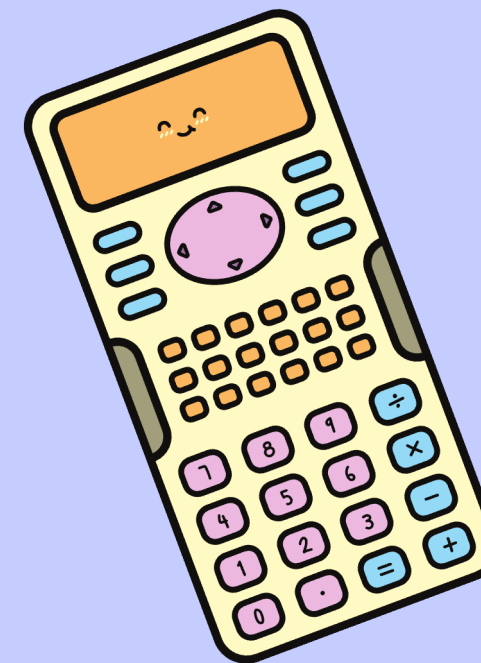
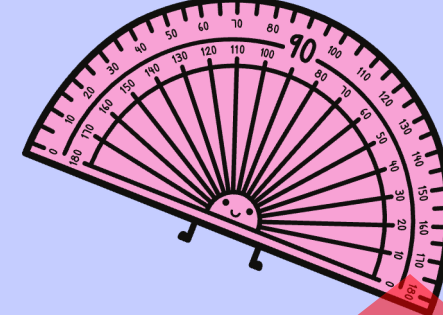
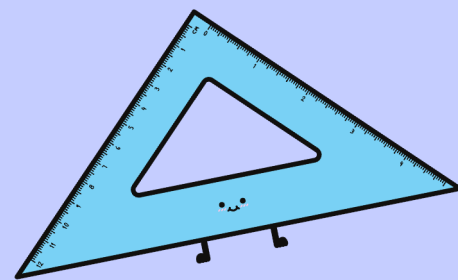
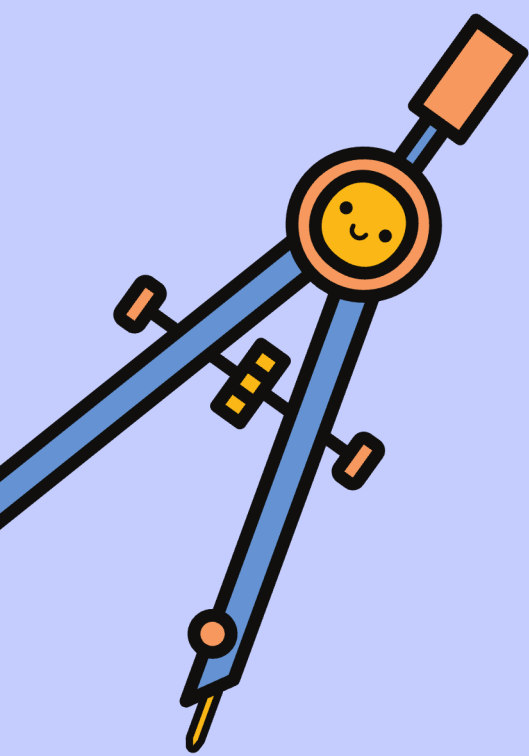
D. emptiest



Answer 10

C. tallest





Well Done!

