

Do I Have Enough Money?

Fill in the circle to complete the sentence. Then answer questions 3 and 4.

1. You can estimate cost to make sure you have enough _____.
Ⓐ items to spend all of your money
Ⓑ lists to take to the store
Ⓒ money to pay for all of your items

2. You can round the price of the bread down to \$3.00 because the bread _____.
Ⓐ costs less than the jam
Ⓑ price ends with less than 50 cents
Ⓒ costs \$2.78

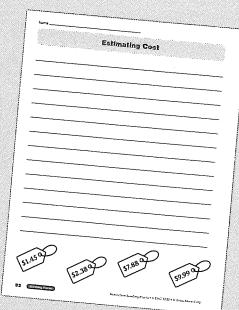
3. Can you think of a way to buy bread, jam, and peanut butter with only \$9.00?

4. What is the main idea of the text?

Write About the Topic

Use the Writing Form to write about what you read.

Write a letter to a friend. Tell the rules for estimating cost. Give two examples.



Metric Measurements

Level 1 ■■

Words to Know list, Reading Selection, and Reading Comprehension questions

Classroom Measurements

Fill in the circle to complete the sentence.

Classroom Measurements

There are many ways to measure things. Which measurement tool should you use? Think about the size of what you want to measure. You use small things at school. You could use a metric ruler to measure them.

A metric ruler shows millimeters. Millimeters are the smallest unit of measurement. Use millimeters to measure a pencil eraser. How many millimeters long is it?

A metric ruler also shows bigger units called centimeters. A centimeter is made up of 10 millimeters. Use centimeters to measure a pair of scissors. How many centimeters long is it?

A meter stick is one meter long. One meter is made up of 100 centimeters. You could use a meter stick to measure long your classroom is.

104 Metric Measurements 104 Metric Measurements 104 Metric Measurements 104 Metric Measurements

Nonfiction Reading Practice • EMC 3232 • Grade 3

Level 2 ■■■

Words to Know list, Reading Selection, and Reading Comprehension questions

Making Metric Measurements

Fill in the circle to complete the sentence.

Making Metric Measurements

Have you ever wondered how long something is? You can use the metric system to find out! A metric ruler has many small marks. The smallest marks show units called millimeters (mm). You can use millimeters to measure very tiny things, such as ladybugs. You can use centimeters to measure slightly bigger things, such as a small toy.

How wide is your bedsheet? You will need a bigger unit of measurement for that. You can use a meter stick to measure the distance between the walls. You can also use meters to measure the height of the door.

Thinking about the size of the object you want to measure. Then choose the unit you will use. When you measure, remember these things:

- A millimeter is tiny. It is only about the size of the point of your pencil.
- A centimeter is about the size of your thumb nail.
- A meter is about as long as a teacher's desk.

The length of a pencil is one centimeter.

100 Metric Measurements 100 Metric Measurements 100 Metric Measurements 100 Metric Measurements

Nonfiction Reading Practice • EMC 3232 • Grade 3

Level 3 ■■■■

Words to Know list, Reading Selection, and Reading Comprehension questions

Using the Metric System

Fill in the circle to complete the sentence.

Using the Metric System

The next time you want to measure something, try using the metric system. Think about the different units of metric measurement, which one should you use? The smallest unit of measurement is the millimeter. Millimeters are very tiny! Even though it is about the size of the tip of a pencil, you could use millimeters to measure objects such as tiny seeds. The next larger unit is the centimeter. A centimeter is 10 millimeters. Use centimeters to measure small objects like pencils or crayons.

The main unit in the metric system is the meter. You can use a meter stick to measure a person's height. Meters can also measure short distances. For example, many athletes run foot races that are 100 meters long. Kilometers are used for measuring even longer distances. Kilometers can be used to measure the distance between cities.

10 millimeters = 1 centimeter
100 centimeters = 1 meter
1,000 meters = 1 kilometer

100 Metric Measurements 100 Metric Measurements 100 Metric Measurements 100 Metric Measurements

Nonfiction Reading Practice • EMC 3232 • Grade 3

Assemble the Unit

Reproduce and distribute one copy for each student:

- Visual Literacy page: Metric Measurements, page 101
- Level 1, 2, or 3 Reading Selection and Reading Comprehension page and the corresponding Words to Know list
- Graphic Organizer of your choosing, provided on pages 180–186
- Writing Form: Metric Measurements, page 102

Introduce the Topic

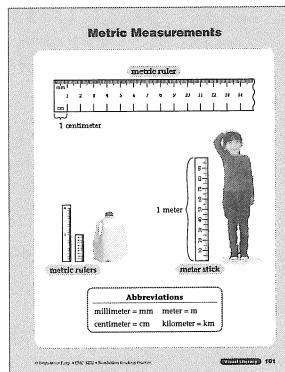
Remind students that inches, feet, and miles are units of measurement in the U.S. Explain that in most other countries, people use the metric system. Review the units of measurement, the measuring tools, and the abbreviations with students.

Read and Respond

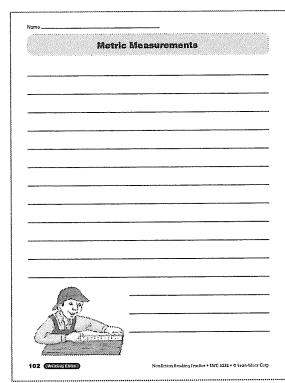
Form leveled groups and review the Words to Know lists with each group of students. Instruct each group to read their selection individually, in pairs, or as a group. Have students complete the Reading Comprehension page for their selection.

Write About the Topic

Read aloud the leveled writing prompt for each group. Tell students to use the Graphic Organizer to plan their writing. Direct students to use their Writing Form to respond to their prompt.



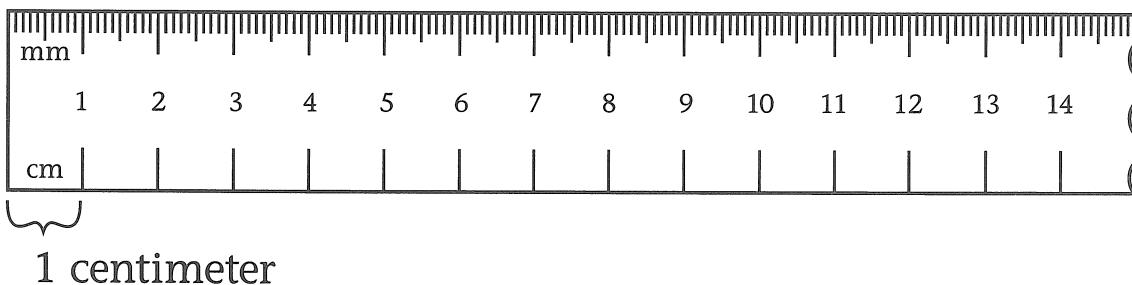
Visual Literacy



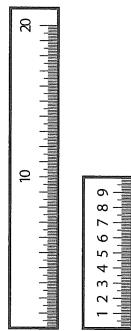
Writing Form

Metric Measurements

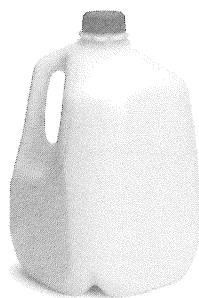
metric ruler



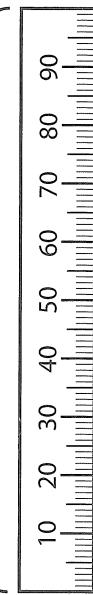
1 centimeter



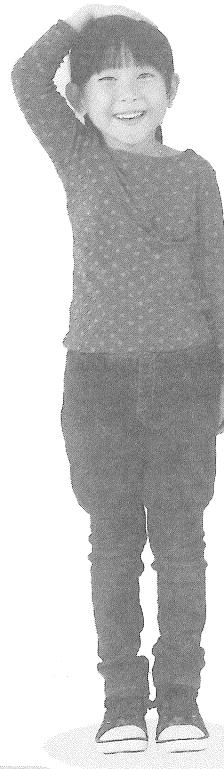
metric rulers



1 meter



meter stick



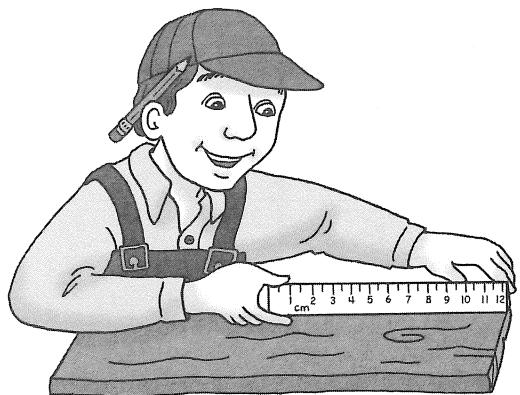
Abbreviations

millimeter = mm meter = m

centimeter = cm kilometer = km

Name _____

Metric Measurements



Words to Know

Classroom Measurements

measure

measurement tool

size

metric ruler

millimeters

unit

centimeters

meter stick

meter

Words to Know

Making Metric Measurements

metric system

metric ruler

marks

units

millimeters

centimeters

measure

measurement

meter stick

distance

meters

height

Words to Know

Using the Metric System

measure

metric system

units

measurement

millimeter

centimeter

meter

meter stick

distances

athletes

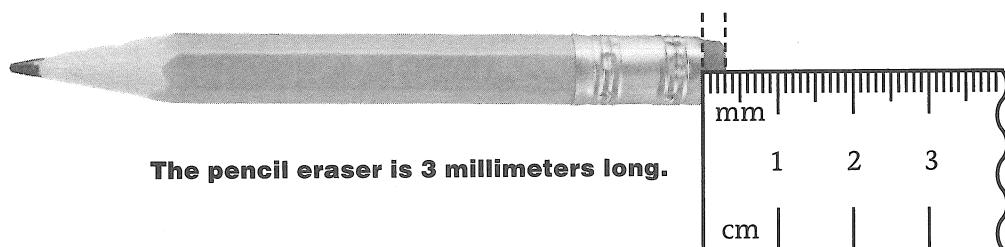
kilometers



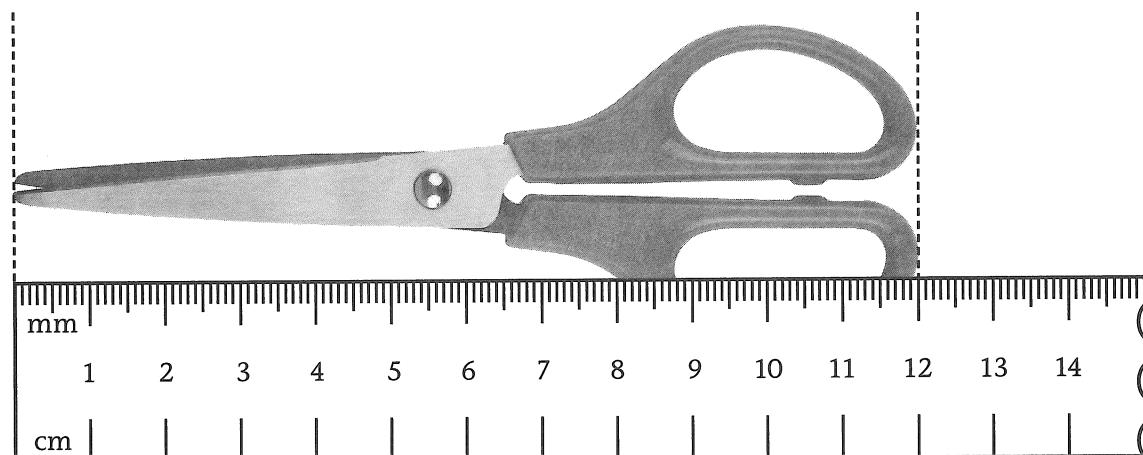
Classroom Measurements

There are many ways to measure things. Which measurement tool should you use? Think about the size of what you want to measure. You use small things at school. You could use a metric ruler to measure them.

A metric ruler shows millimeters. Millimeters are the smallest unit of measurement. Use millimeters to measure a pencil eraser. How many millimeters long is it?



A metric ruler also shows bigger units called centimeters. A centimeter is made up of 10 millimeters. Use centimeters to measure a pair of scissors. How many centimeters long is it?



A meter stick is one meter long. One meter is made up of 100 centimeters. You could use a meter stick to measure how long your classroom is.

Classroom Measurements

Fill in the circle to complete the sentence. Then answer questions 3 and 4.

1. The pair of scissors is _____ long.
Ⓐ 12 meters
Ⓑ 12 inches
Ⓒ 12 centimeters

2. There are _____ millimeters in one centimeter.
Ⓐ 5
Ⓑ 10
Ⓒ 20

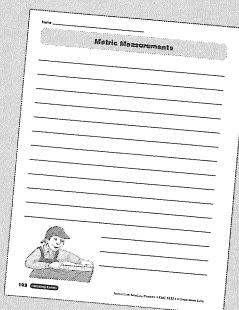
3. List 3 metric measurement units from smallest to largest.

4. Which measurement tool would you use to measure the length of a school bus?

Write About the Topic

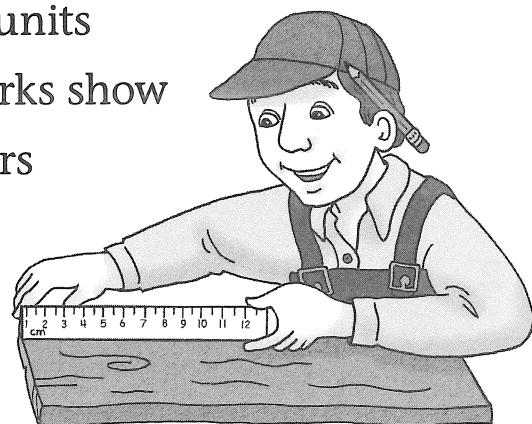
Use the Writing Form to write about what you read.

Write to tell about using a metric ruler. Explain how you can use one at school.



Making Metric Measurements

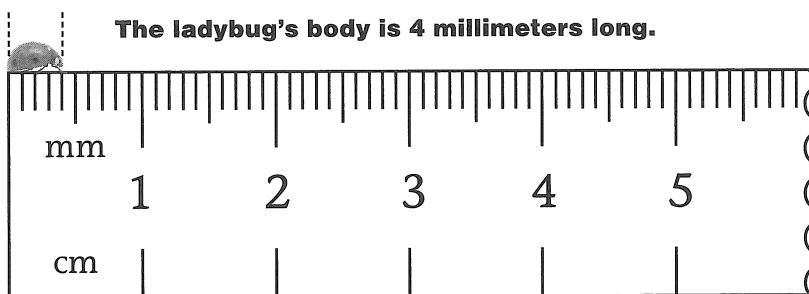
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How wide is your bedroom? You will need a bigger unit of measurement for that. You can use a meter stick to measure the distance between the walls. You can also use meters to measure the height of the door.

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Making Metric Measurements

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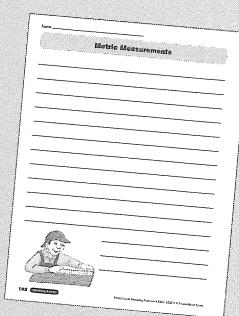
1. _____ are the smallest units on a metric ruler.
Ⓐ Meters
Ⓑ Centimeters
Ⓒ Millimeters
2. You can use a _____ to measure how wide your bedroom is.
Ⓐ millimeter
Ⓑ teacher's desk
Ⓒ meter stick
3. List 3 things you could measure in millimeters. Include examples of your own and from the text.

4. What measurement unit would you use to measure your desk?

Write About the Topic

Use the Writing Form to write about what you read.

Write to tell about metric measurement units.
Tell about their sizes and how to use them.



Using the Metric System

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$$100 \text{ centimeters} = 1 \text{ meter}$$

$$1,000 \text{ meters} = 1 \text{ kilometer}$$

