

Units of length (centimeters and meters)

Grade 2 Measurement Worksheet

Fill in the proper units (**cm** or **m**) for each measurement.

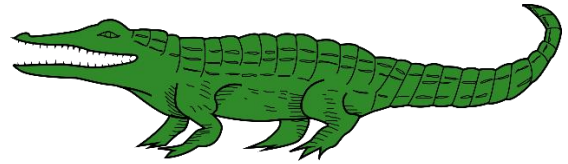
1 meter = 100 centimeters

Length of a pair of sunglasses



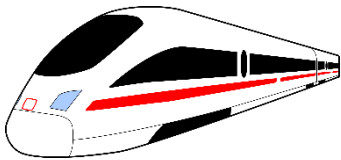
20 _____

Length of an alligator



2 _____

Length of a city train



65 _____

Length of a car



4 _____

Height of an ostrich



1 _____

Length of a toothbrush



18 _____

Answers

Length of a pair of sunglasses: 20 **cm**

Length of an alligator: 2 **m**

Length of a city train: 65 **m**

Length of a car: 4 **m**

Height of an ostrich: 1 **m**

Length of a toothbrush: 18 **cm**

Units of length (centimeters and meters)

Grade 2 Measurement Worksheet

Fill in the proper units (**cm** or **m**) for each measurement.

1 meter = 100 centimeters

Length of a carrot



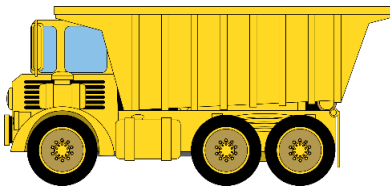
32 _____

Height of a shaker



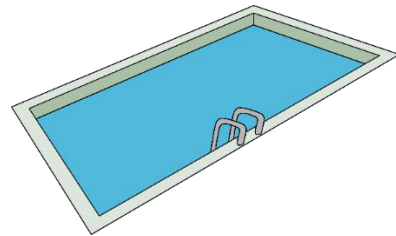
8 _____

Length of a dump truck



11 _____

Length of a swimming pool



40 _____

Length of a shovel



1 _____

Width of a house



15 _____

Answers

Length of a carrot: 32 **cm**

Height of a shaker: 8 **cm**

Length of a dump truck: 11 **m**

Length of a swimming pool: 40 **m**

Length of a shovel: 1 **m**

Width of a house: 15 **m**

Units of length (centimeters and meters)

Grade 2 Measurement Worksheet

Fill in the proper units (**cm** or **m**) for each measurement.

1 meter = 100 centimeters

Length of a guitar



1 _____

Length of a tie



90 _____

Height of a wedding cake



1 _____

Length of a peanut



3 _____

Width of a postcard



14 _____

Length of a blue box



70 _____

Answers

Length of a guitar:	1 m
Length of a tie:	90 cm
Height of a wedding cake:	1 m
Length of a peanut:	3 cm
Width of a postcard:	14 cm
Length of a blue box:	70 cm

Estimate and measure lengths in centimeters

Grade 2 Measurement Worksheet

Find these objects in your house. Estimate their width in centimeters.

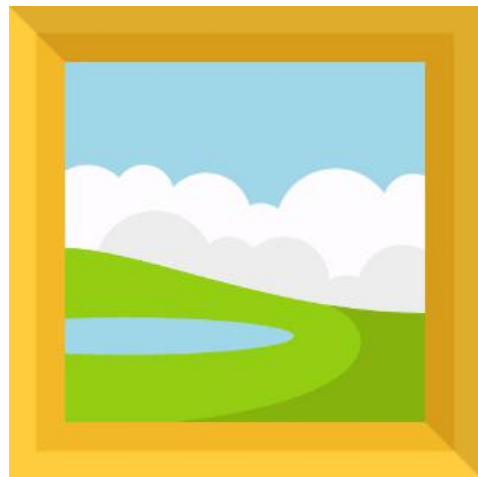
Tissue Box

Width: _____ centimeters



Frame

Width: _____ centimeters



Now measure their widths using a centimeter ruler.

Width: _____ centimeters

Estimate was:
correct / too low / too high

Width: _____ centimeters

Estimate was:
correct / too low / too high

Estimate and measure lengths in centimeters

Grade 2 Measurement Worksheet

Estimate the height of each picture in centimeters.

Pine tree

Height: _____ centimeters



Maple tree

Height: _____ centimeters



Measure the height of the pictures using a centimeter ruler.

Height: _____ centimeters

Estimate was:
correct / too low / too high

Height: _____ centimeters

Estimate was:
correct / too low / too high

Answers

Pine tree: **10 centimeters**


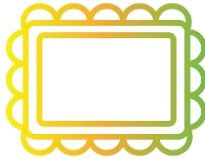
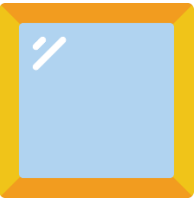

Maple tree: **13 centimeters**

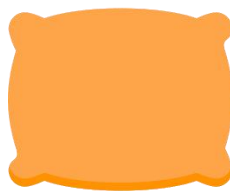



Measure lengths in non-standard units and cm

Grade 2 Measurement Worksheet

Use an AA battery  and a centimeter ruler to

measure the lengths of **real** school objects.

Object	Measurement (round to the nearest battery or centimeter)
Lamp 	____batteries ____centimeters
Placemat 	____batteries ____centimeters
Mirror 	____batteries ____centimeters
Hanger 	____batteries ____centimeters

Object	Measurement (round to the nearest battery or centimeter)
Pillow 	____batteries ____centimeters
Flashlight 	____batteries ____centimeters
Key 	____batteries ____centimeters
Spoon 	____batteries ____centimeters

Which item was the longest?	Answer: _____
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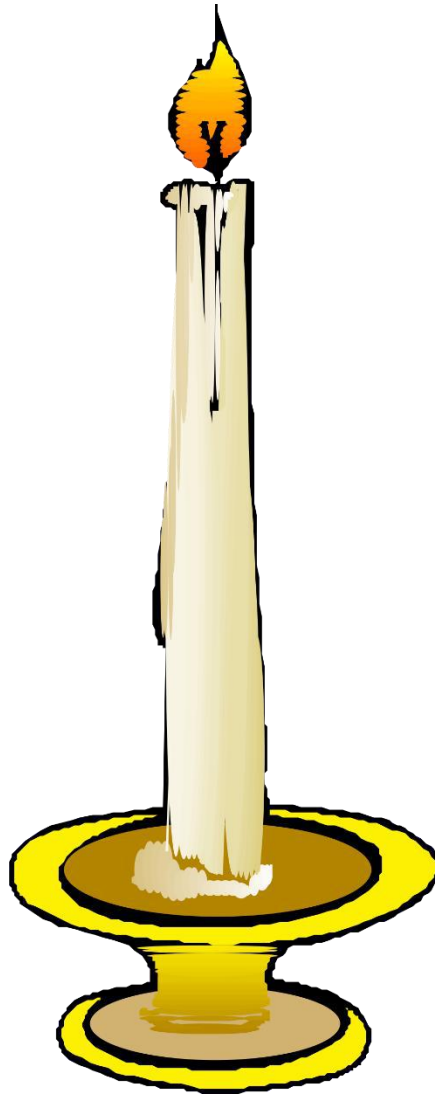
Measure lengths in non-standard units and centimeters

Grade 2 Measurement Worksheet

Use a quarter



and a centimeter ruler to measure the height of each picture below.



Height (round to the nearest quarter or centimeter)		
Glass	Candle	Bottle
_____ quarters	_____ quarters	_____ quarters
_____ centimeters	_____ centimeters	_____ centimeters

Answers

Glass: 3 quarters / 7 centimeters

Candle: 6 quarters/ 14 centimeters

Bottle: 5 quarters/ 12 centimeters

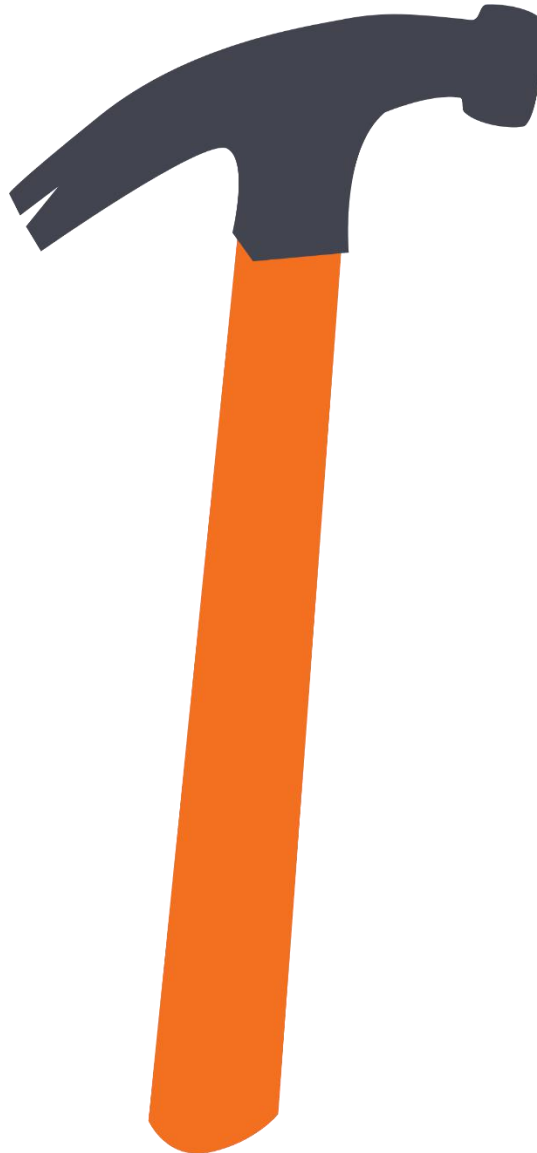
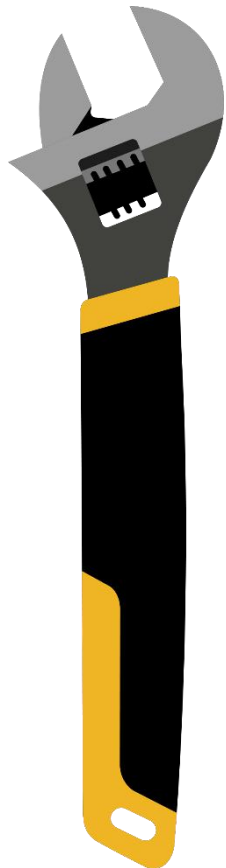
Measure lengths in non-standard units and centimeters

Grade 2 Measurement Worksheet

Use a penny



and a centimeter ruler to measure the height of each picture below.



Height (round to the nearest penny or centimeter)		
Wrench	Hammer	Screw
_____ pennies	_____ pennies	_____ pennies
_____ centimeters	_____ centimeters	_____ centimeters

Answers

Wrench: 6 pennies / 11 centimeters

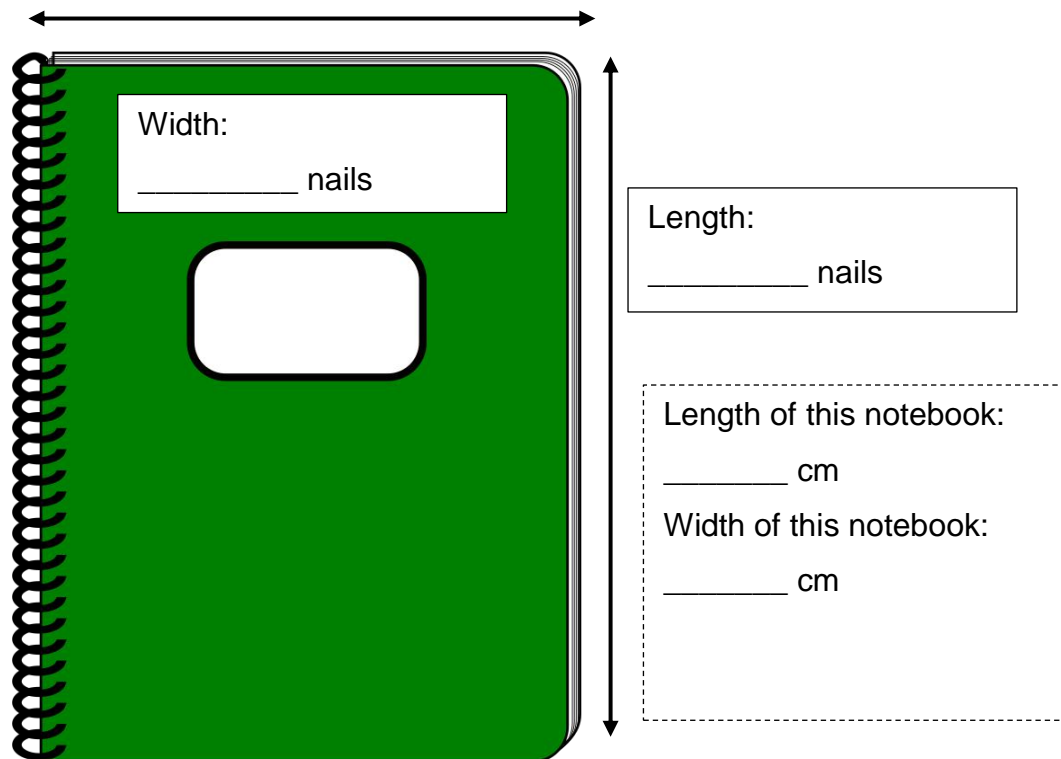
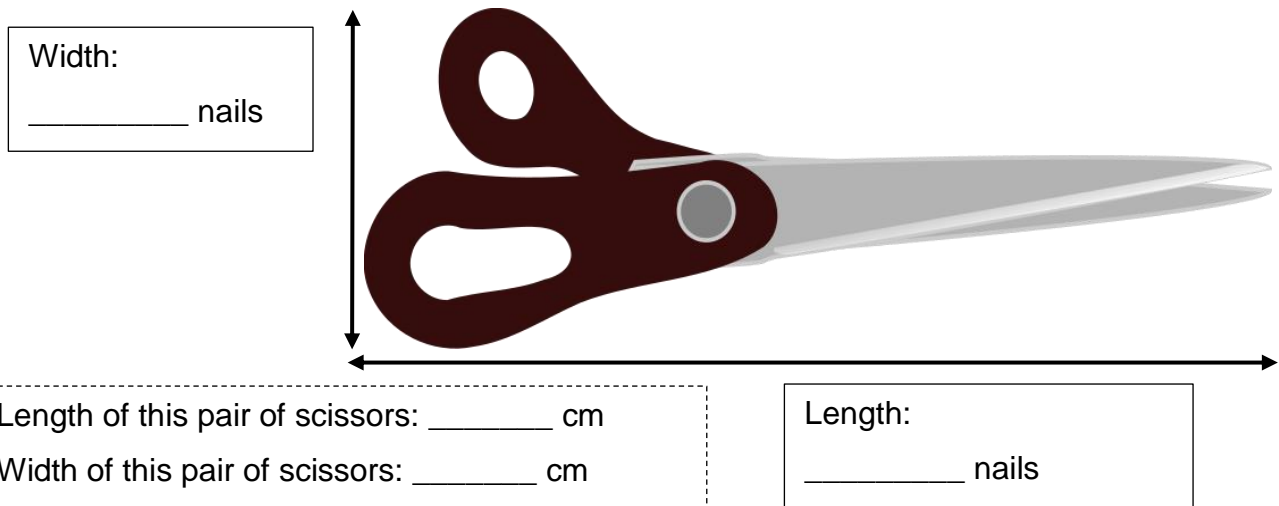
Hammer: 8 pennies / 15 centimeters

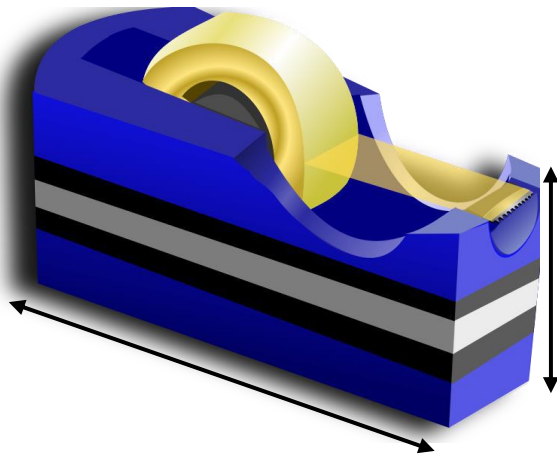
Screw: 3 pennies / 6 centimeters

Using a benchmark to estimate lengths (centimeters)

Grade 2 Measurement Worksheet

Use the nail cutouts at the end of this worksheet as a benchmark to measure the following objects. **Each nail is about 1 1/2 cm wide.** Use the nails to estimate the measurements of these objects.





Length:
_____ nails

Height:
_____ nails

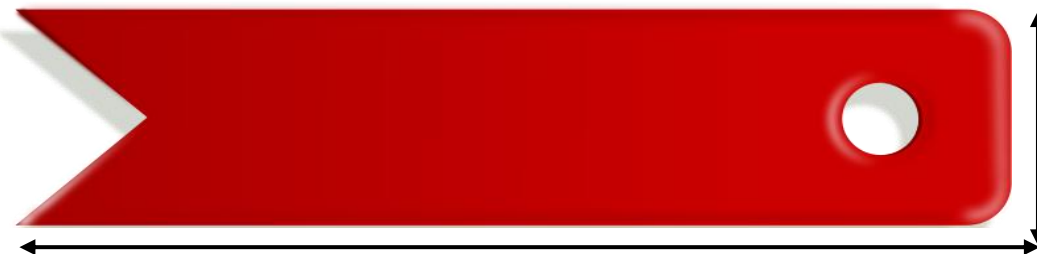
Length of this tape dispenser:

_____ cm

Height of this tape dispenser:

_____ cm

Width:
_____ nails

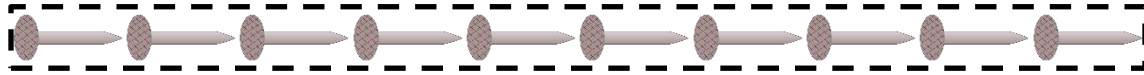


Length:
_____ nails

Length of this book mark: _____ cm

Width of this book mark: _____ cm

Cut out the rows of nails along the dotted line.



Answers

Pair of Scissors

Width: 3 nails
Length: 8 nails
Width: 4.5 cm
Length: 12 cm

Notebook

Width: 5 nails
Length: 6 nails
Width: 7.5 cm
Length: 9 cm

Tape Dispenser

Height: 2 nails
Length: 4 nails
Height: 3 cm
Length: 6 cm

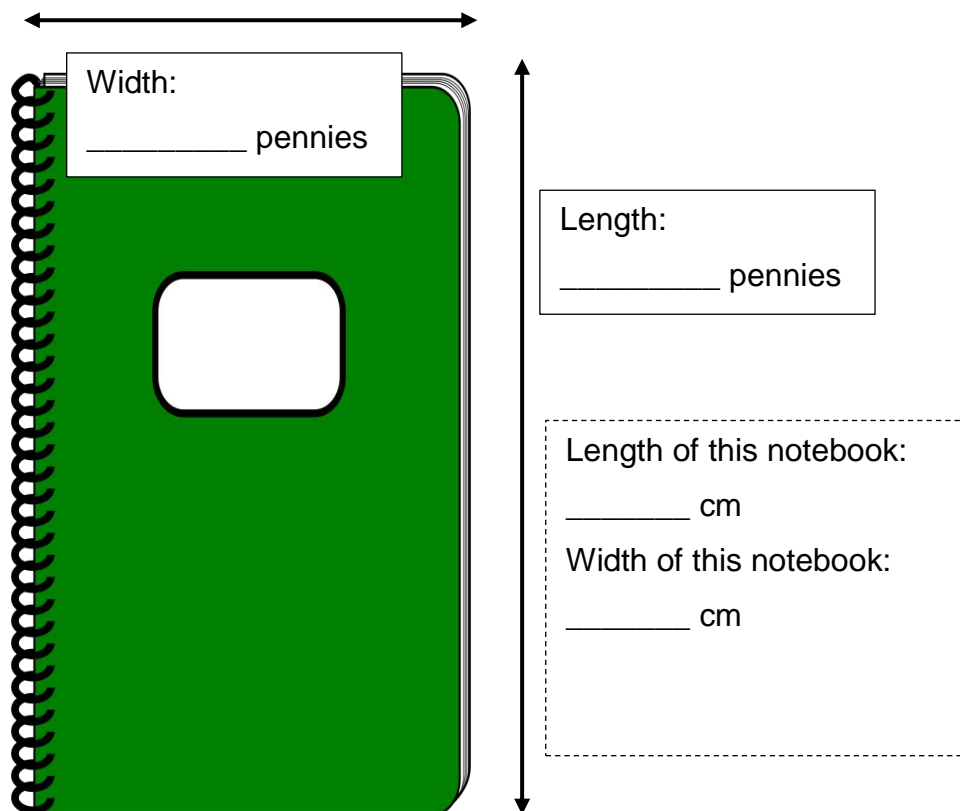
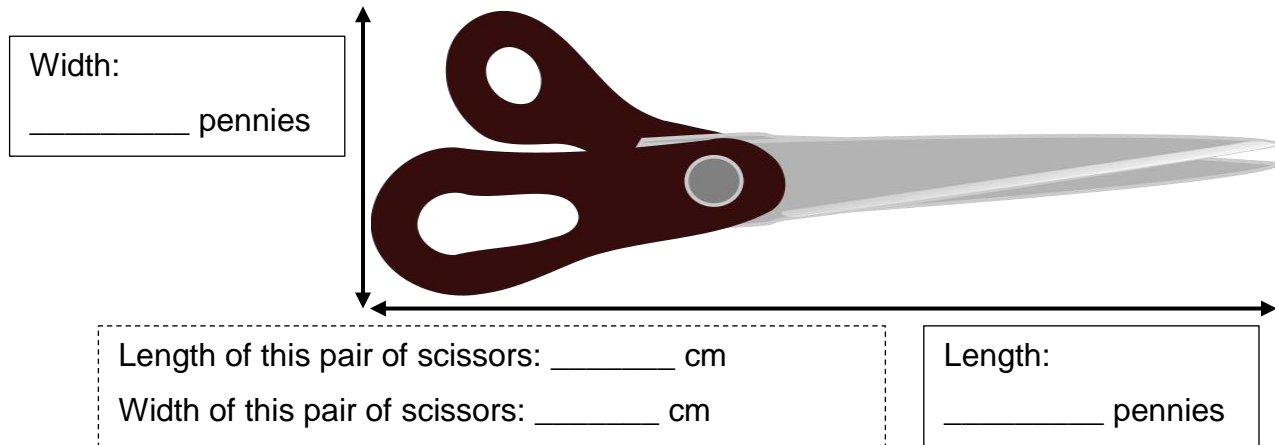
Bookmark

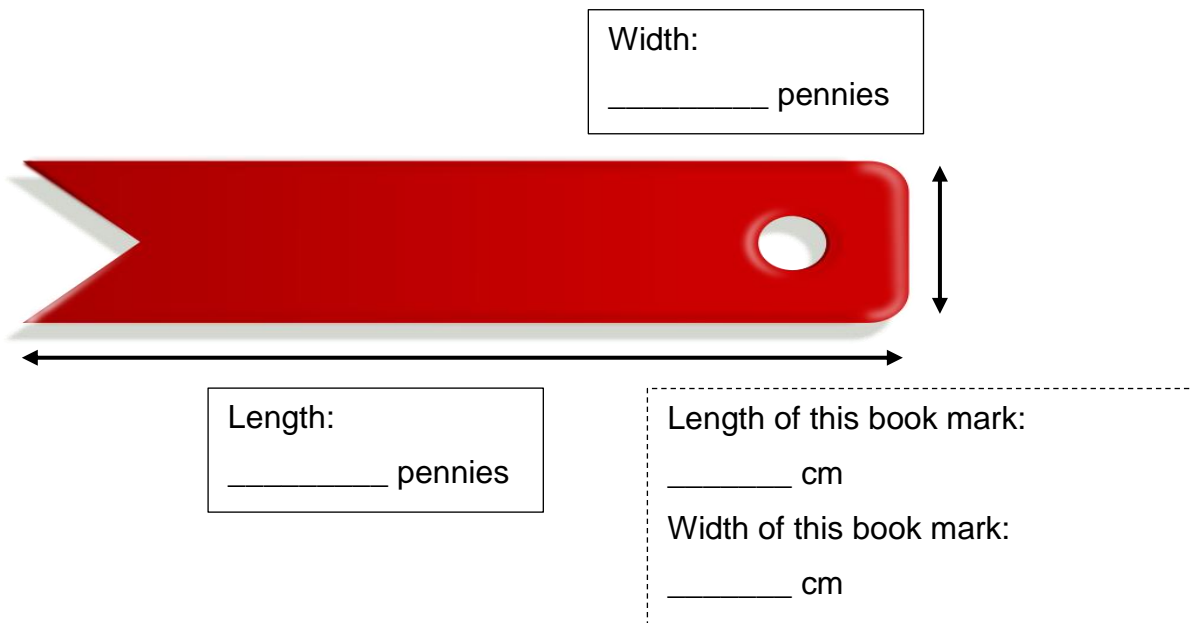
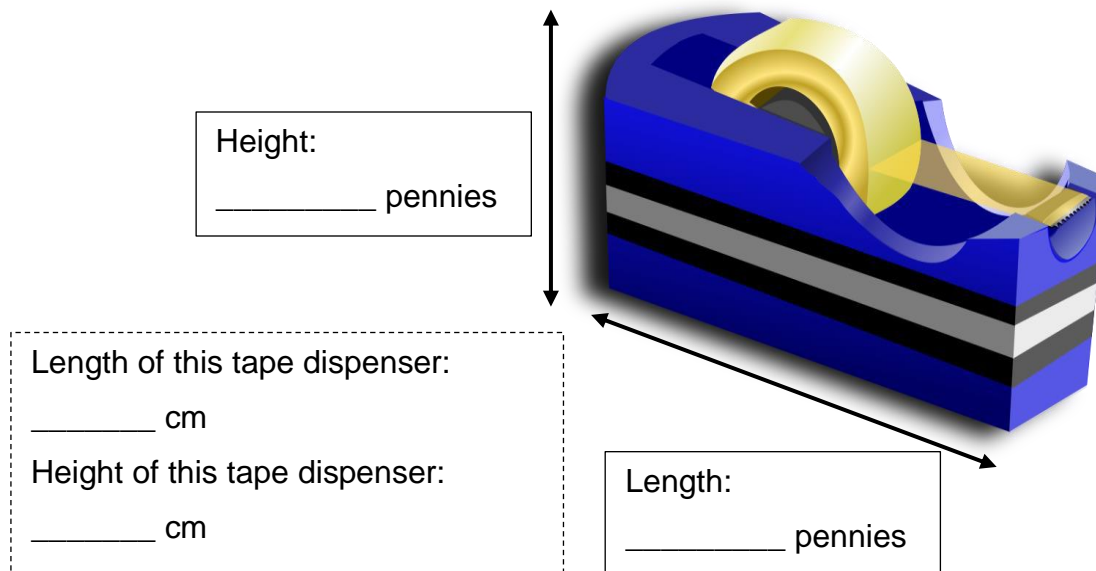
Width: 2 nails
Length: 9 nails
Width: 3 cm
Length: 13.5 cm

Using a benchmark to estimate lengths (centimeters)

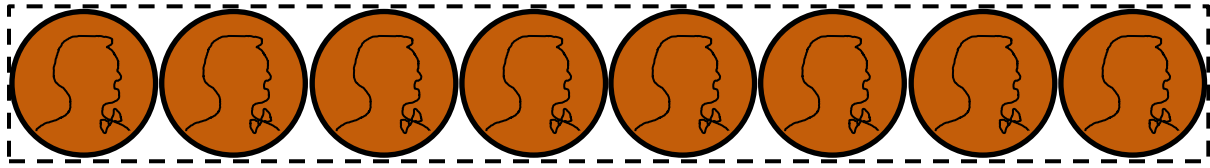
Grade 2 Measurement Worksheet

Use pennies (real ones or the cutouts below) as a benchmark to measure the following objects. **Each penny is about 2 cm wide.** Use the pennies to estimate the measurements of these objects.





Cut out the rows of pennies along the dotted line.



Answers

Pair of Scissors

Width: 2 pennies
Length: 6 pennies
Width: 4 cm
Length: 12 cm

Notebook

Width: 3 pennies
Length: 5 pennies
Width: 6 cm
Length: 10 cm

Tape Dispenser

Height: 2 pennies
Length: 3 pennies
Height: 4 cm
Length: 6 cm

Bookmark

Width: 1 pennies
Length: 6 pennies
Width: 2 cm
Length: 12 cm