

Inch by Inch

1st
GRADE



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Inch by Inch

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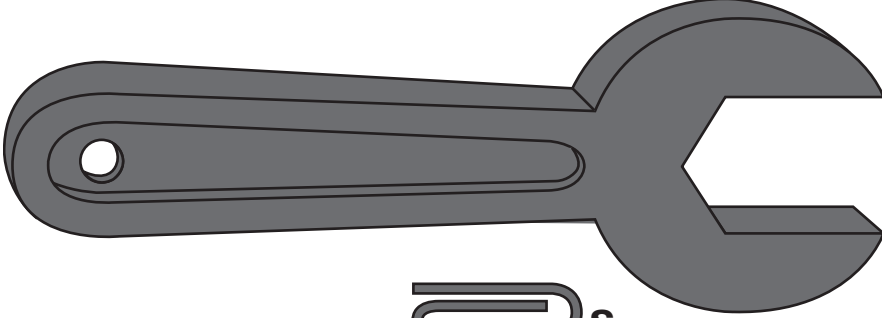



How Long?

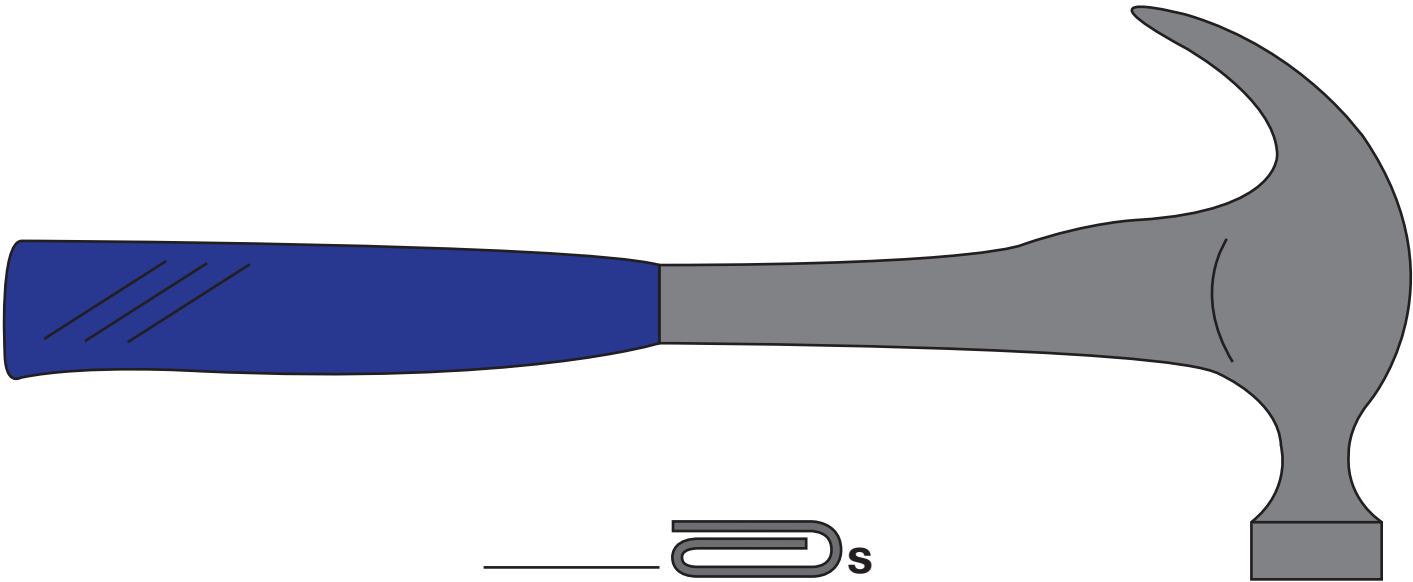

You can use s to measure.

This pencil is 4 s long.

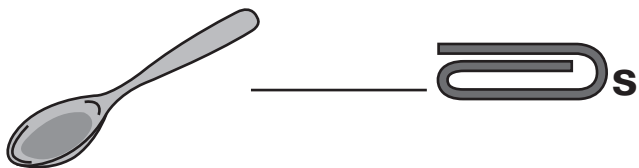


Use real  to measure each picture.

 _____  s	 _____  s
--	--

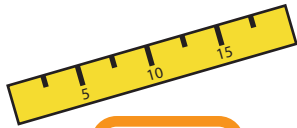

_____ s

Find these objects around your house. Use your s to measure them!



Which is Longer?

Order each row of objects from shortest to longest.
Write "1" under the shortest item. Write "3" under the longest item.



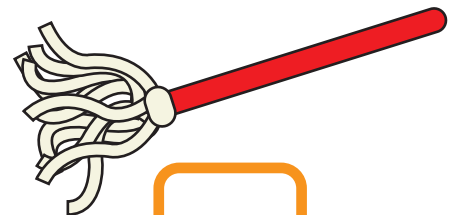
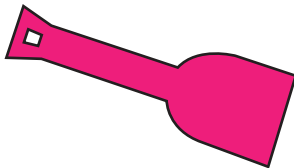
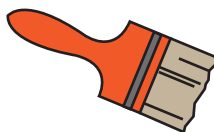
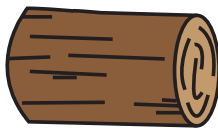
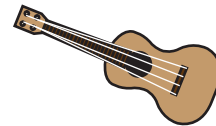
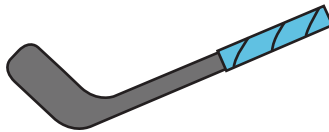
3



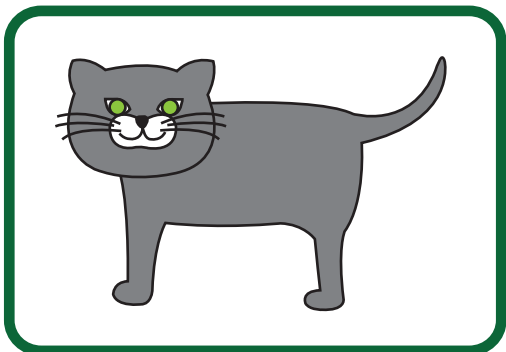
1



2



Challenge: Draw an object that you think is longer than the one below!



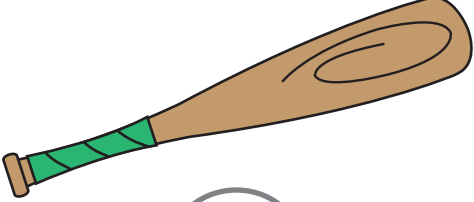


Length

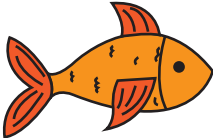
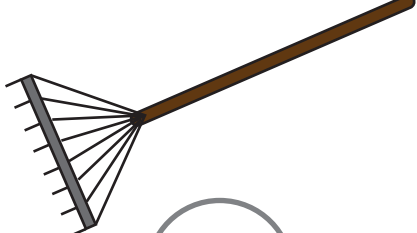
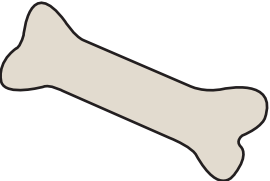


Number each set of three items from 1 to 3,
1 being the shortest and 3 being the longest.


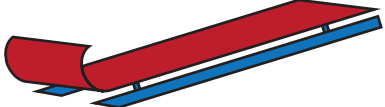

Three items are shown in a blue-bordered box: a wooden baseball bat, a silver nail, and a purple comb. Below each item is a gray circle for labeling.



Three items are shown in a blue-bordered box: a light brown bone, a wooden rake, and an orange fish. Below each item is a gray circle for labeling.



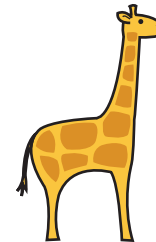
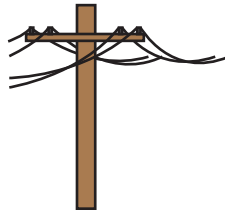
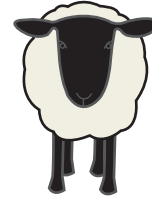
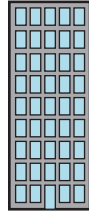
Three items are shown in a blue-bordered box: a brown shoe sole, a red and blue surfboard, and a yellow school bus. Below each item is a gray circle for labeling.



Which is Taller?

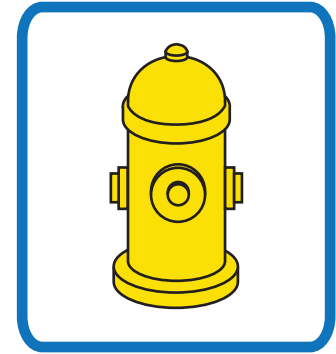
Order each column of objects from shortest to tallest.

Write "1" under the shortest item. Write "3" under the tallest item.



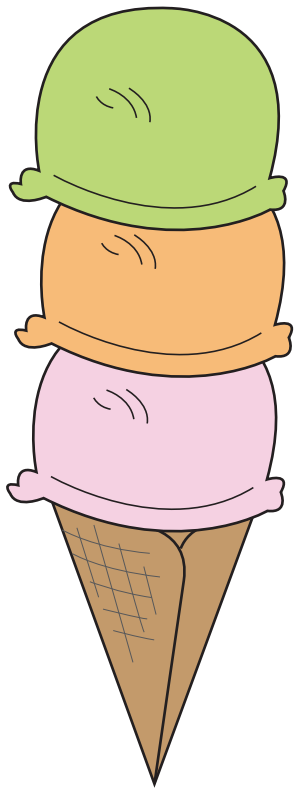
Challenge:

Draw an object that you think is taller than the one below!

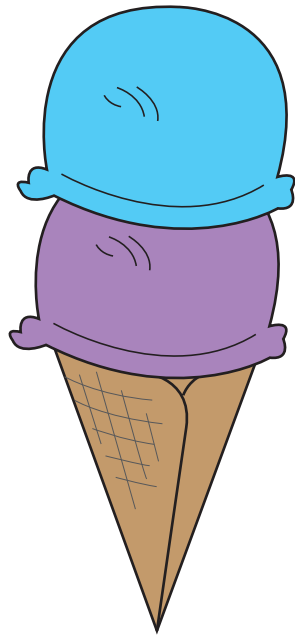


How Tall is Your Ice Cream?

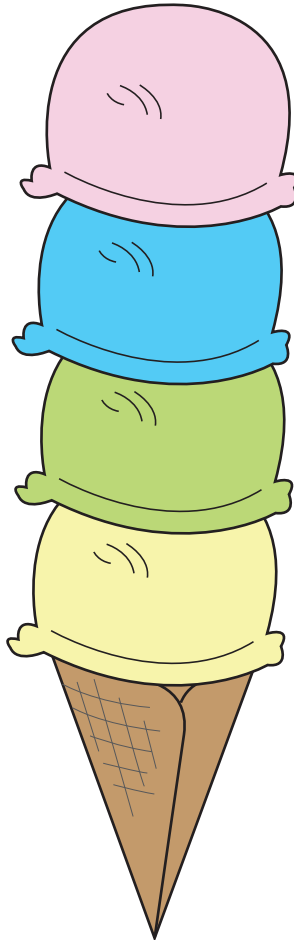
Christie, Molly, Bella, Henry, Charlie, and Hudson went to the ice cream shop. If 1 scoop is 1 inch high, how high are each of their ice cream orders? Write the answer in the box under each ice cream cone!



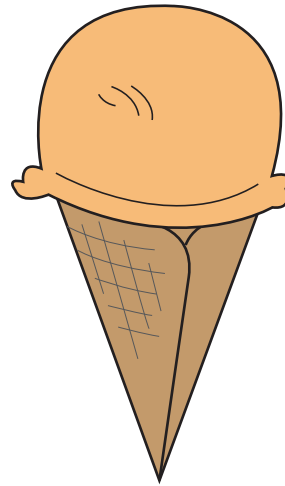
Christie



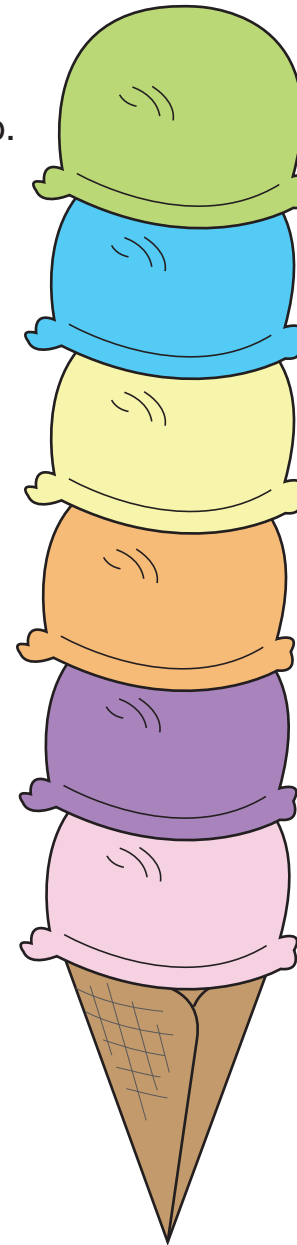
Molly



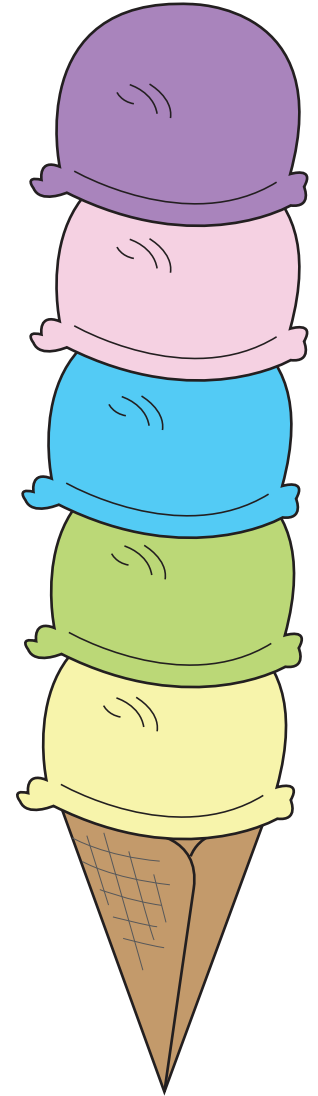
Bella



Henry



Charlie

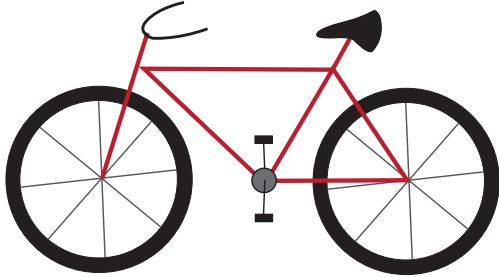


Hudson

Estimating Length

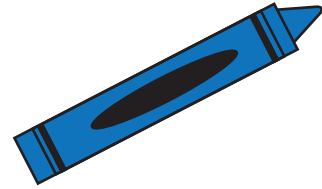
Estimate the length of each object.
Circle the answer that gives the best estimate.

**Remember: 1 foot = 12 inches



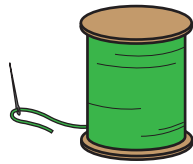
6 feet

6 inches



3 feet

3 inches



2 feet

2 inches



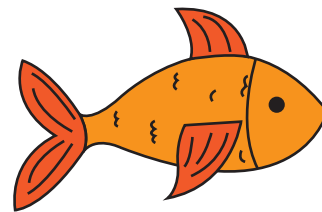
15 feet

15 inches



5 feet

5 inches



4 feet

4 inches

Measuring in Inches

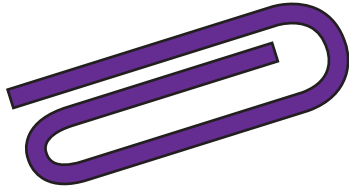
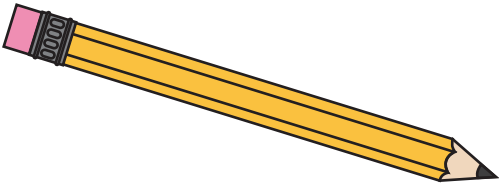

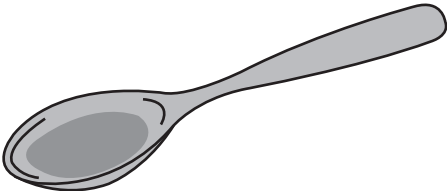


Cut out the ruler at the bottom of the page and use it to measure the lengths below!



Measuring Length in Inches

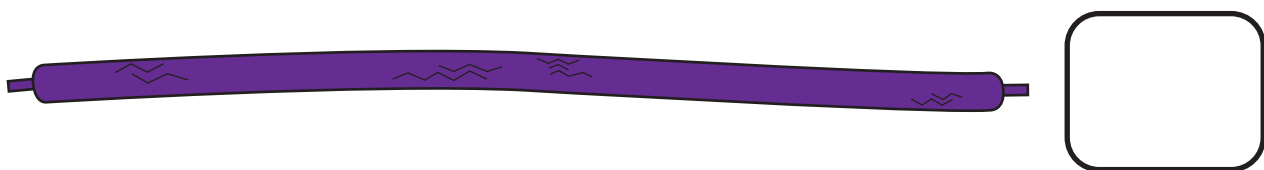
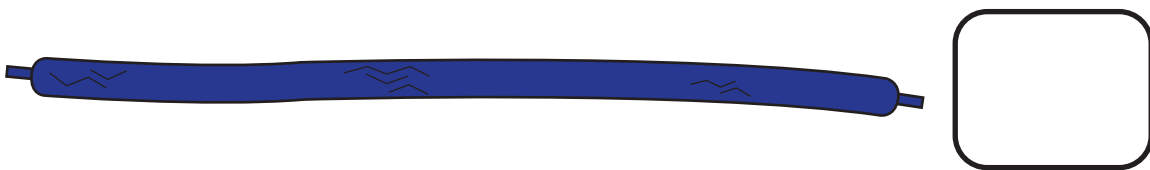
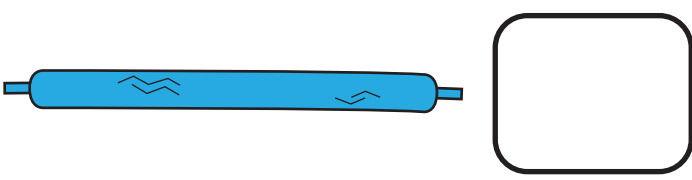
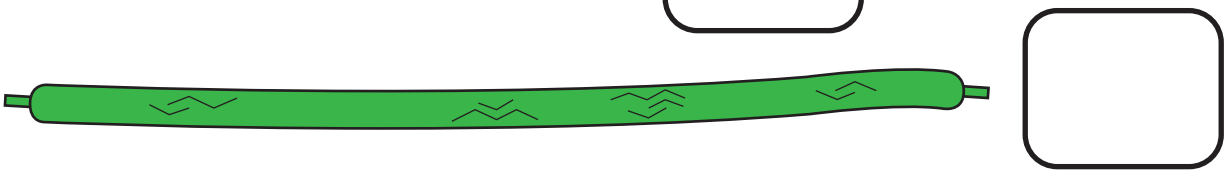
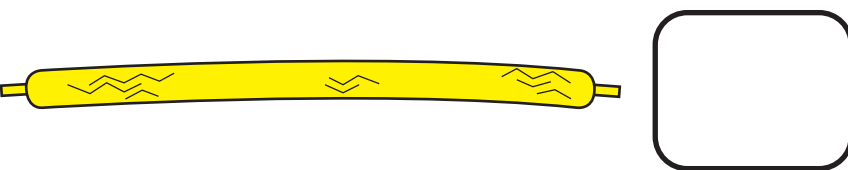
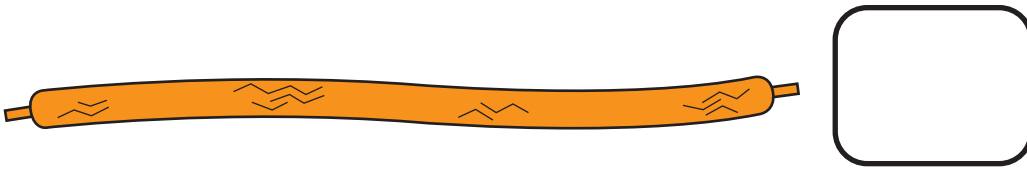
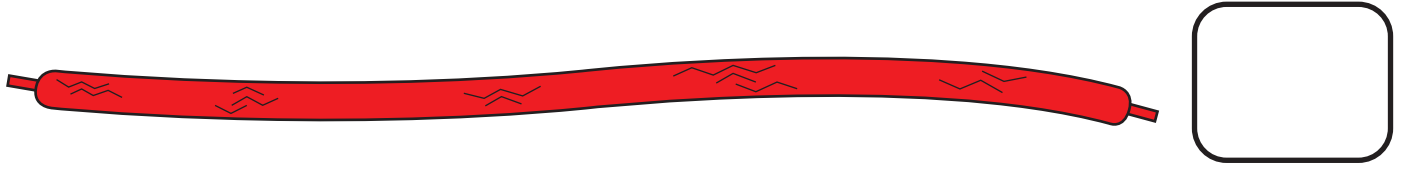


Find each of these items around your house. Estimate the length of each item in inches. Then use a ruler to find the actual lengths. Were your guesses close?

Item	Estimate	Actual Length
	inches	inches
	inches	inches
	inches	inches
	inches	inches
	inches	inches
	inches	inches

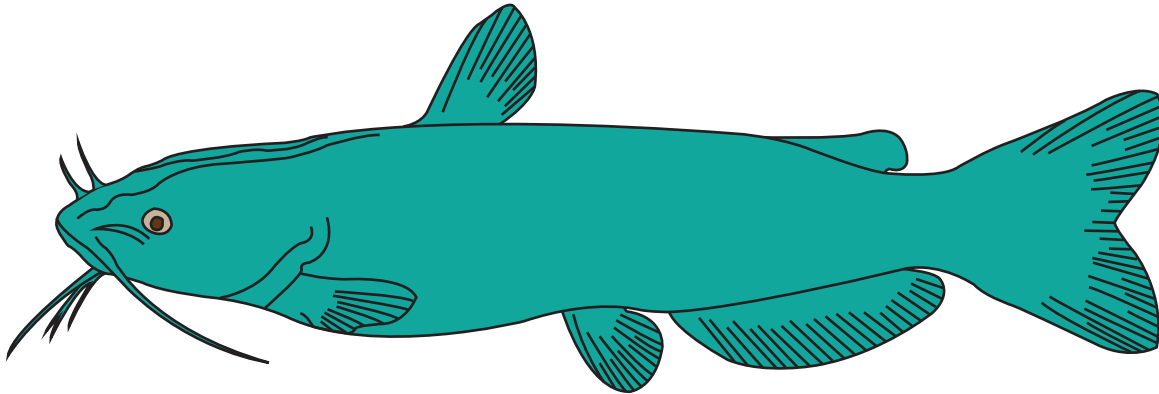
Lengthy Laces

Sasha is organizing her shoelace collection. She wants to order them from shortest to longest. Cut out the ruler at the bottom of the page and use it to help Sasha measure the length of each shoelace. Write the length in box next to each lace. Then circle the shortest shoelace in red and the longest in green.

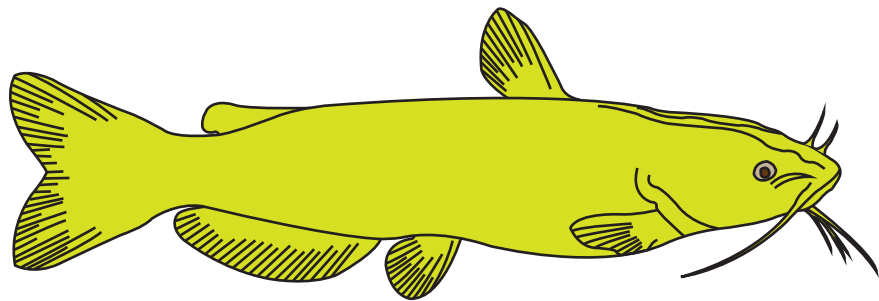


Measuring Fish

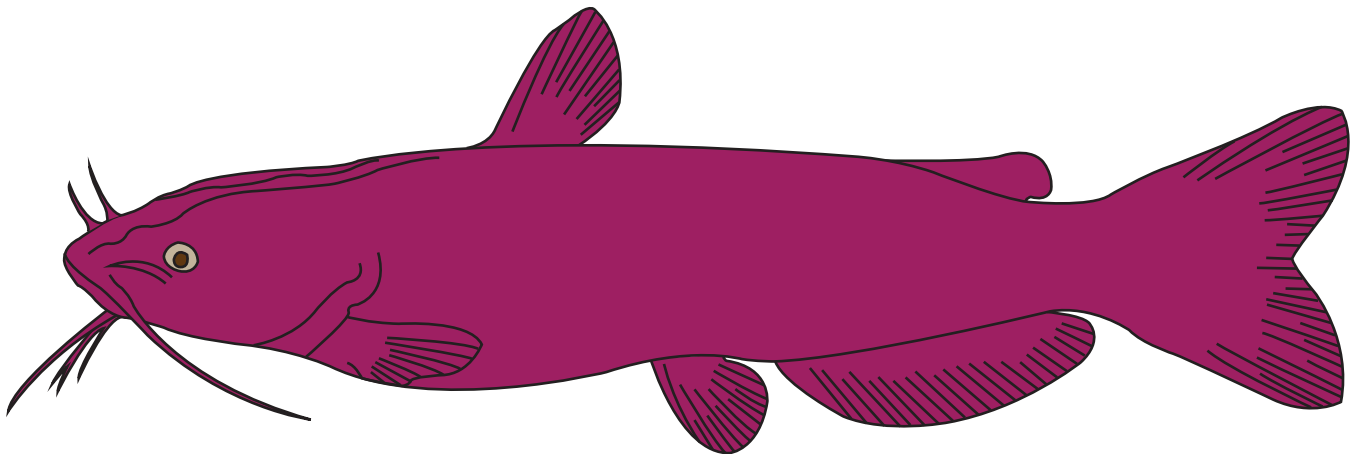
First estimate how many inches long you think each fish is from head to tail. Next go back to the top of the page and use your inch ruler to see how close your guesses are! Record your true measurements under each fish.



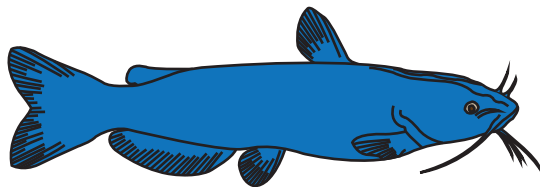
Estimated Length: _____ Actual Length: _____



Estimated Length: _____ Actual Length: _____



Estimated Length: _____ Actual Length: _____

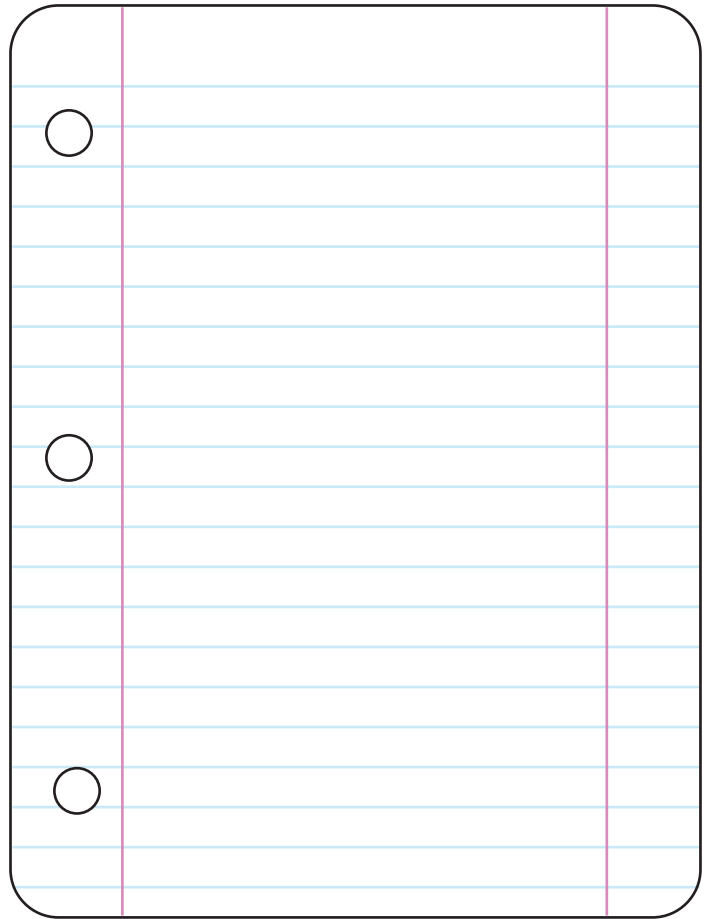
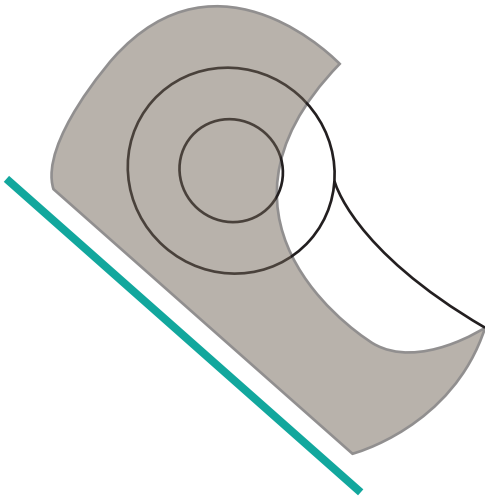
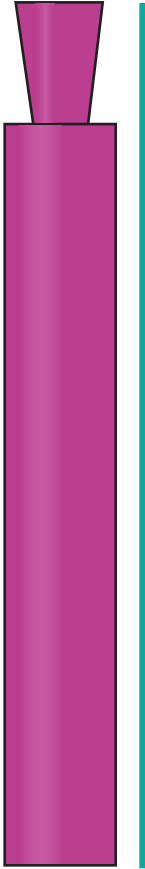


Estimated Length: _____ Actual Length: _____



How Long Are Your School Supplies?

Cut out the ruler at the bottom of the page and use it to measure these school supplies! Write your answers in the box below.

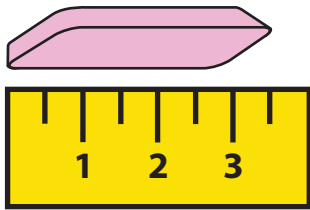


Pencil Box	_____	in.
Marker	_____	in.
Tape	_____	in.
Paper	_____	in.

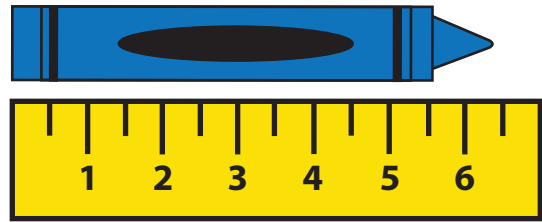


Measuring Length in Centimeters

Use the centimeter rulers below to find the length of each item.



_____ centimeters



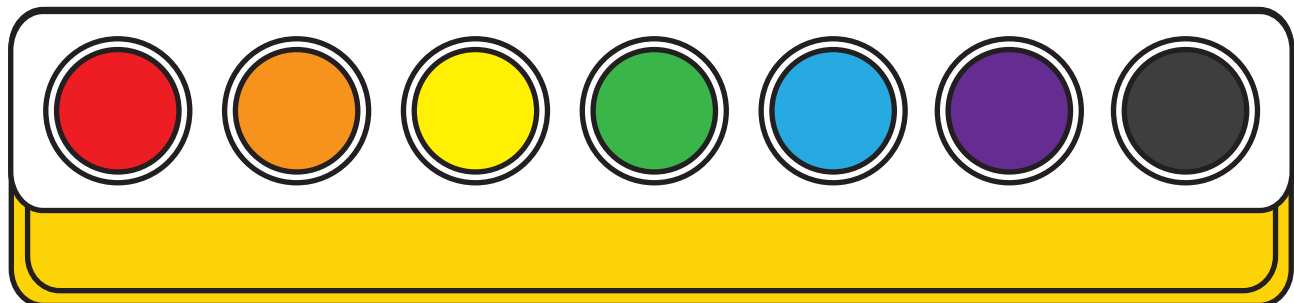
_____ centimeters



_____ centimeters



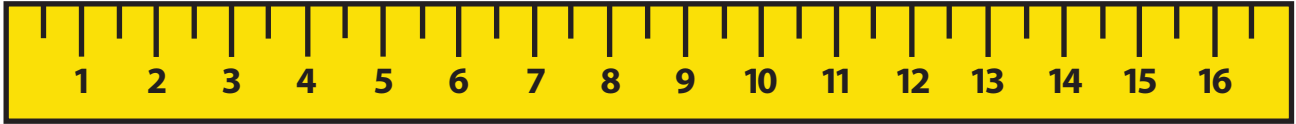
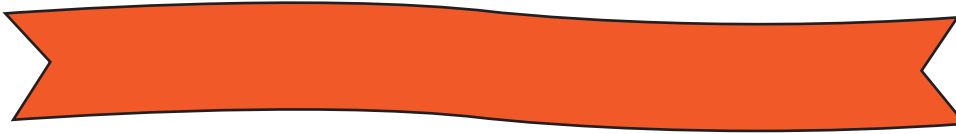
_____ centimeters



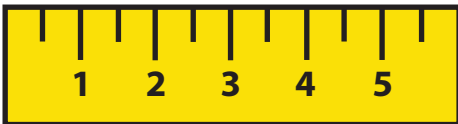
_____ centimeters

Measuring Length in Centimeters

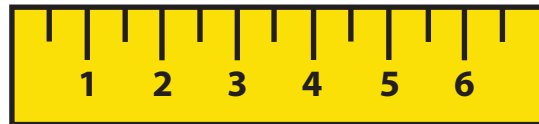
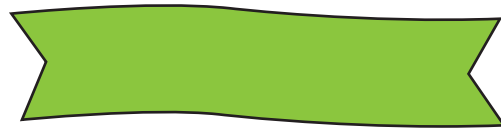
Write the length of each ribbon in centimeters using the rulers provided.



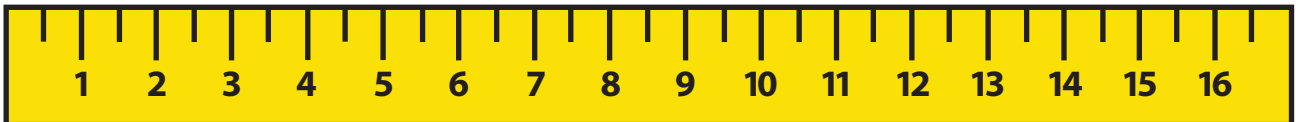
_____ centimeters



_____ centimeters



_____ centimeters



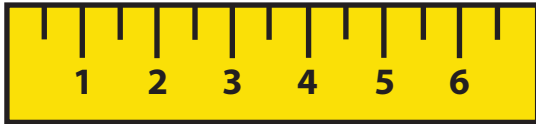
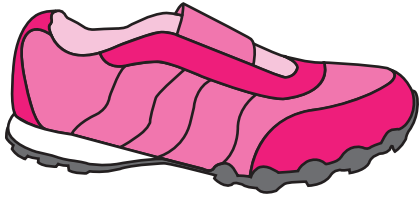
_____ centimeters



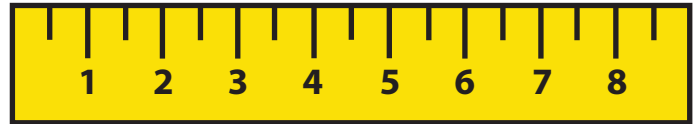
_____ centimeters

Measuring Length in Centimeters

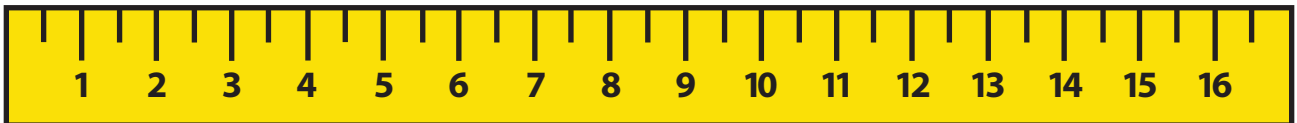
Write the number of centimeters on the line below each shoe!



_____ centimeters



_____ centimeters



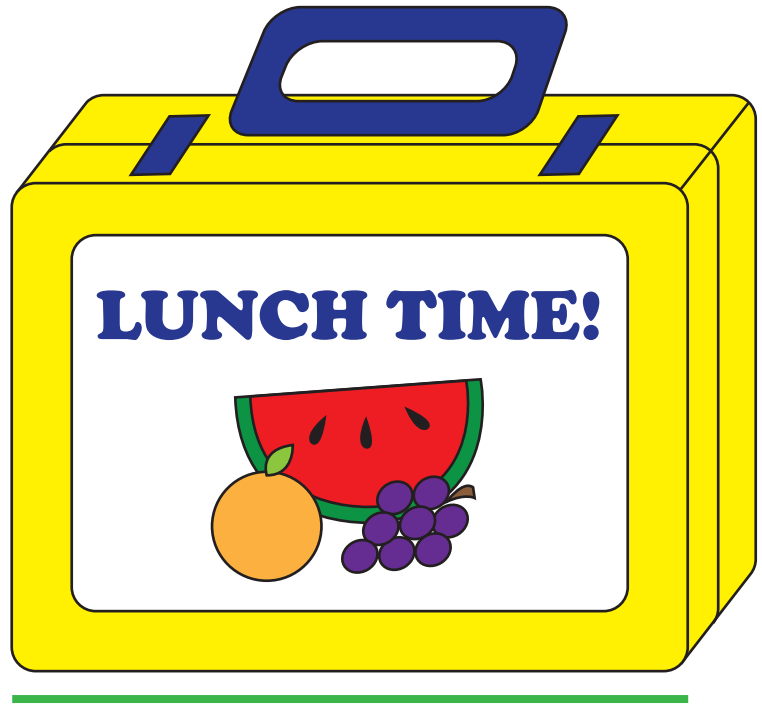
_____ centimeters



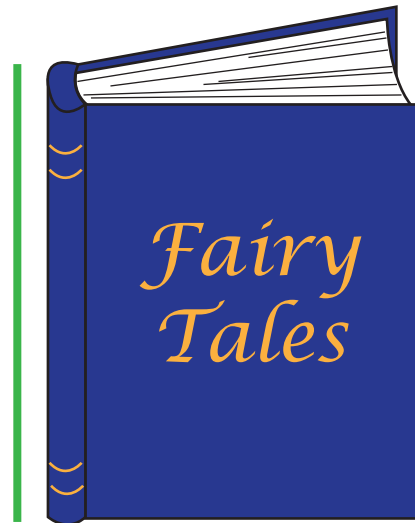
_____ centimeters

How Long Are Your School Supplies in Centimeters?

Cut out the ruler at the bottom of the page and use it to measure these school supplies! Write your answers in the box below.

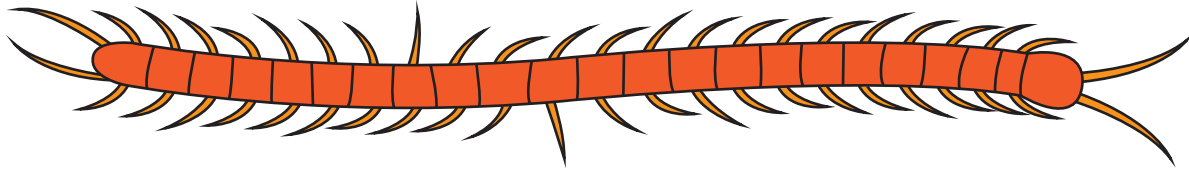


Lunch Box	_____	cm.
Pencil	_____	cm.
Sticker	_____	cm.
Book	_____	cm.

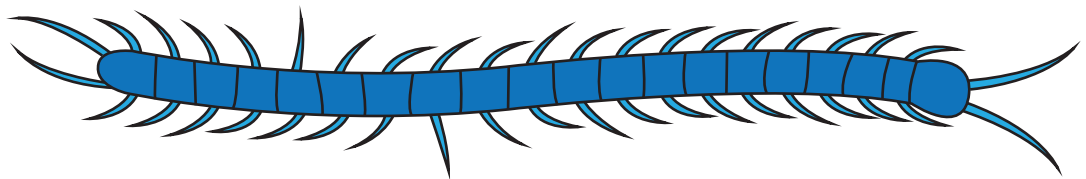


Measuring Centipedes

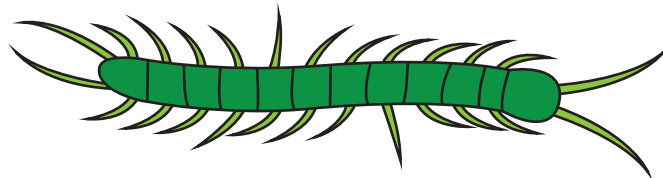
First estimate how many centimeters long you think each centipede is from head to tail. Next go back to the top of the page and use your centimeter ruler to see how close your guesses are! Record your true measurements under each centipede.



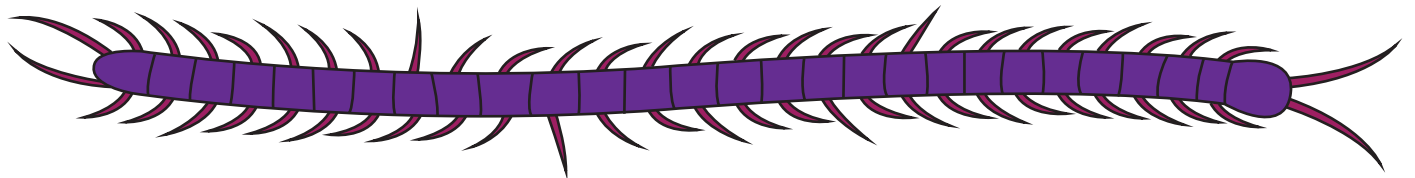
Estimated Length: _____ Actual Length: _____



Estimated Length: _____ Actual Length: _____



Estimated Length: _____ Actual Length: _____

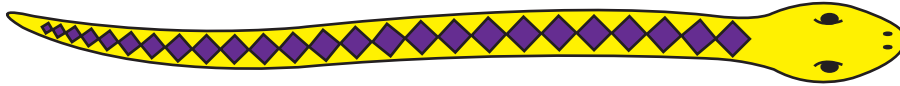


Estimated Length: _____ Actual Length: _____



Measuring Snakes

Estimate how many inches long you think each snake is from head to tail. Next, use your inch ruler to see how close your guesses are! Record the true measurements. Then repeat, using centimeters: first estimate, then measure. Compare your results.



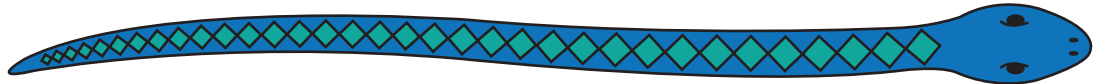
Inches
Estimated length: _____
Actual length: _____

Centimeters
Estimated length: _____
Actual length: _____



Inches
Estimated length: _____
Actual length: _____

Centimeters
Estimated length: _____
Actual length: _____



Inches
Estimated length: _____
Actual length: _____

Centimeters
Estimated length: _____
Actual length: _____



Inches
Estimated length: _____
Actual length: _____

Centimeters
Estimated length: _____
Actual length: _____



Measurement Mix-Up!

Can you find the measurement vocabulary words hidden in this word search puzzle?
Use the word bank at the bottom of the page for clues!

S J U W E S T I M A T E H K Q
H L Z C G L N D P V I X A M D
C L O E A R E A B W T A S Y E
A I F N V X U C M I N C H A P
Z D H T G A W T C D S T E S T
I H E I G H T U F T Q L V N H
B S C M P O J A K H G Y L Y R
C A P E N E A L S M T I V W G
A Q I T A L L X A R U B K S A
P Y M E S Z M W O C P A V B C
A U F R N E O H Z A T R O L T
C X K A V Y S S U W I U L P I
I A L E N G T H B J T L U A F
T O O F Q M K R G A Y E M H L
Y P W Z T A M E A S U R E U K

CENTIMETER
INCH
LENGTH
WIDTH
HEIGHT

LONG
SHORT
TALL
ABOUT
ALMOST

EXACTLY
MEASURE
RULER
ESTIMATE
DEPTH

CAPACITY
VOLUME
AREA
FOOT
ACTUAL

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