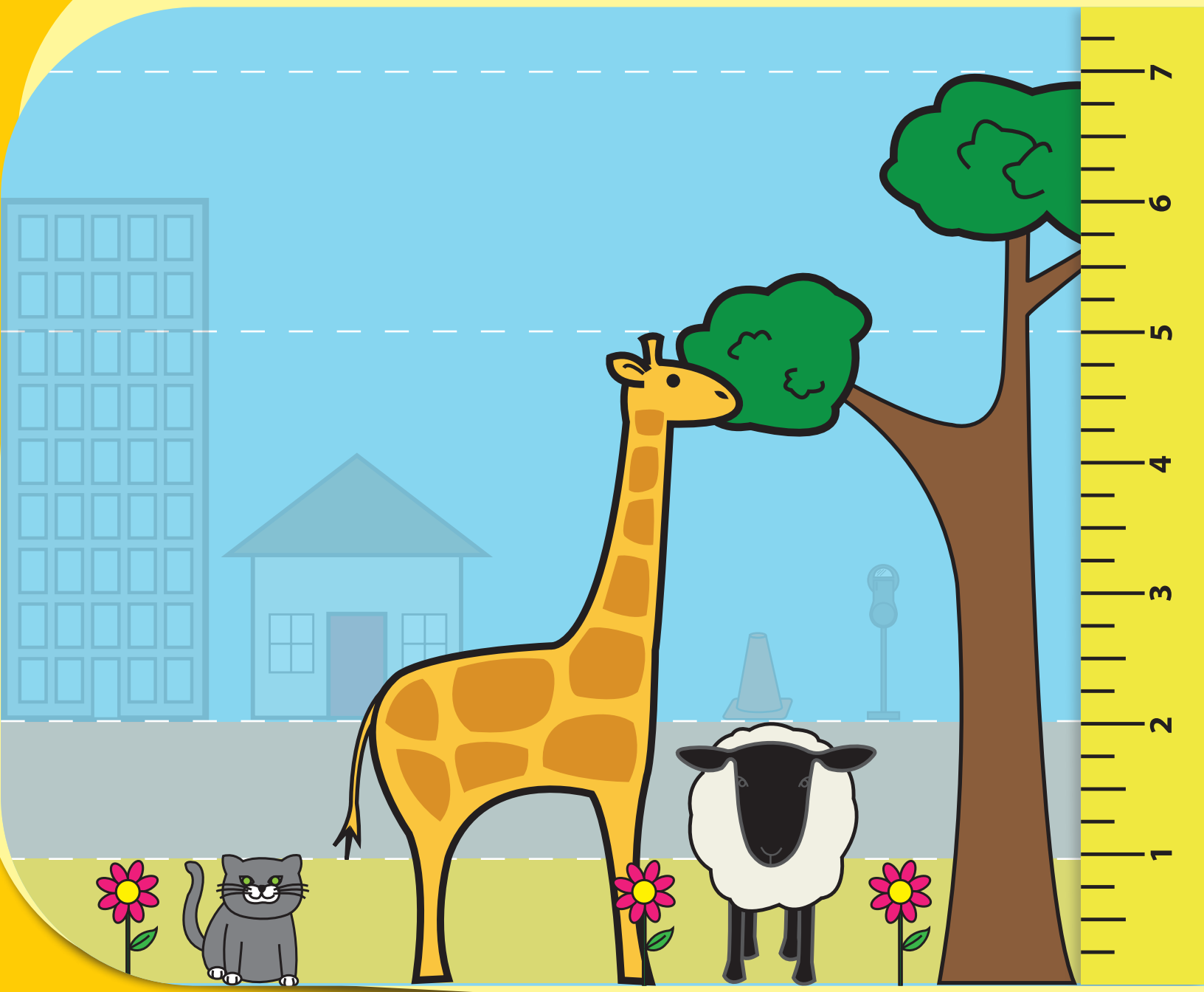
Inch by Inch

1st GRADE



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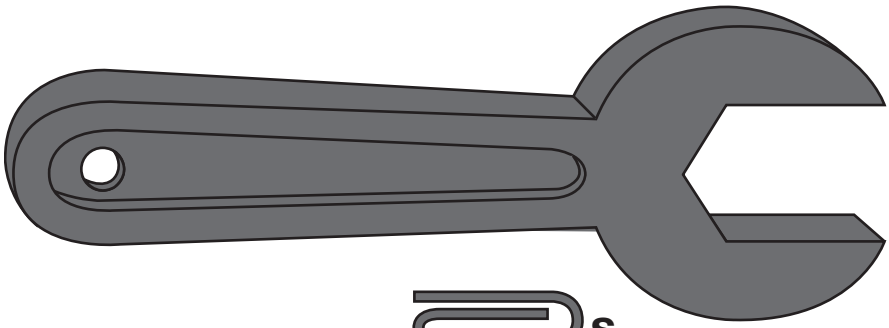
How Long?

You can use paper clips to measure.

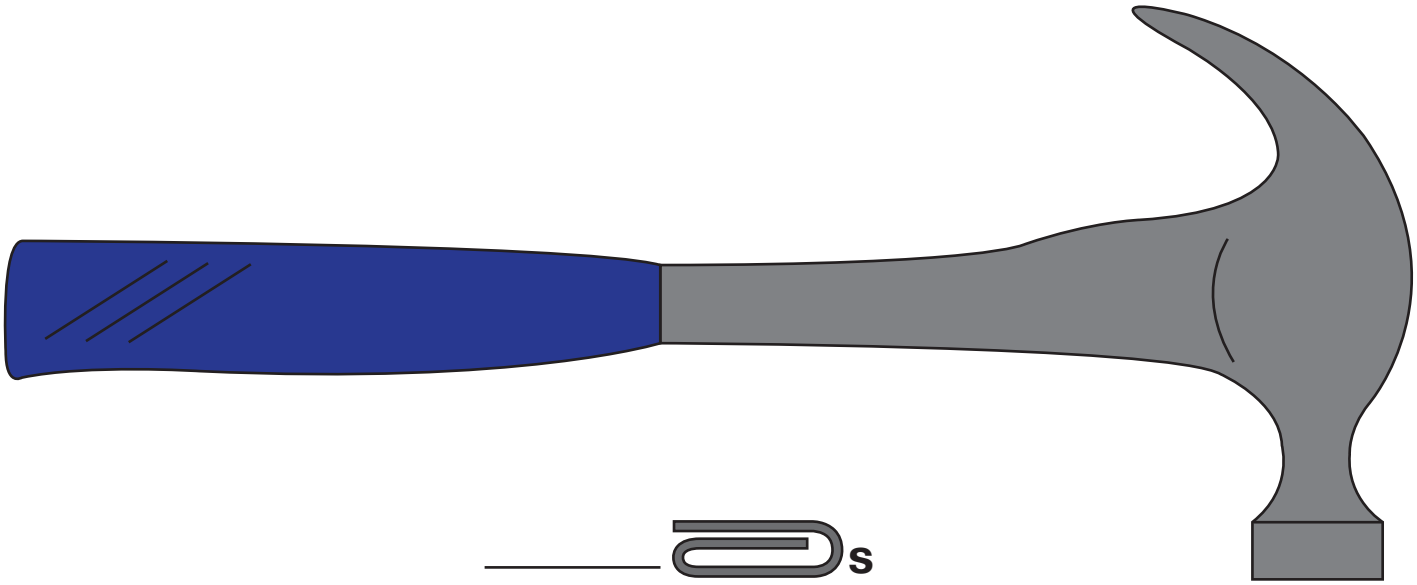
This pencil is 4 paper clips long.

Use real paper clips to measure each picture.



_____ paper clips

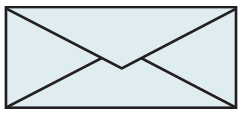
_____ paper clips



_____ paper clips

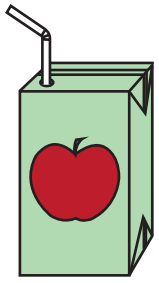
Find these objects around your house. Use your paper clips to measure them!

_____ paper clips



_____ paper clips

_____ paper clips



_____ paper clips

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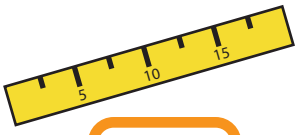
Which is Longer?

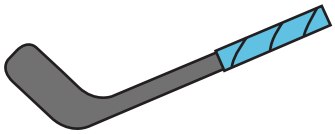
Order each row of objects from shortest to longest.
Write “1” under the shortest item. Write “3” under the longest item.

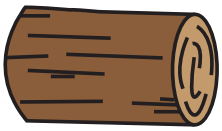


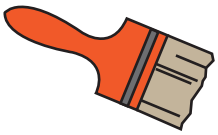
3

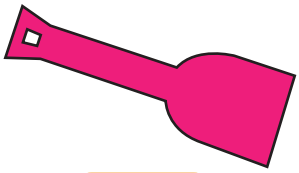
1

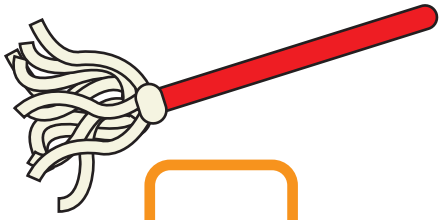
2



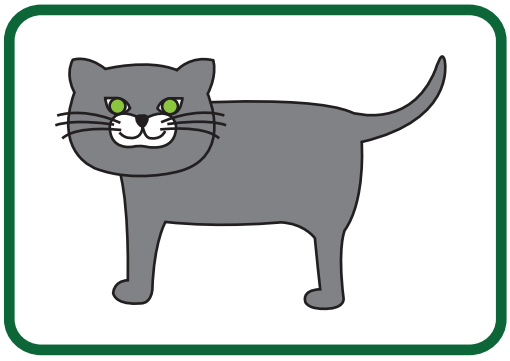








Challenge: Draw an object that you think is longer than the one below!



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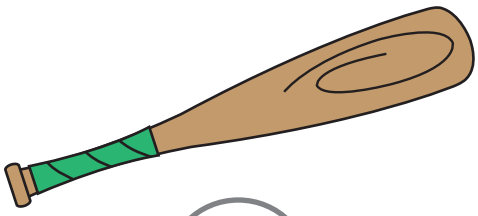
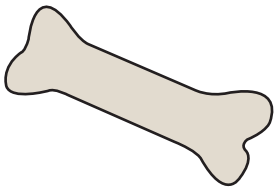
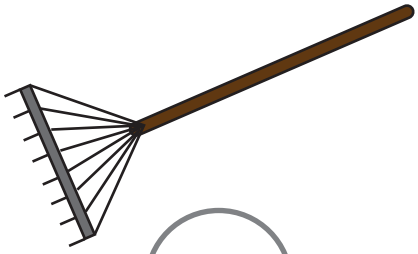
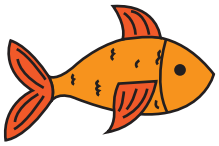
Length

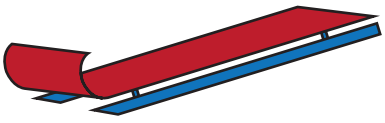
Number each set of three items from 1 to 3,
1 being the shortest and 3 being the longest.











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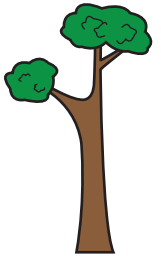
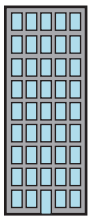
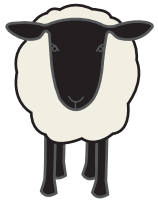
Which is Taller?

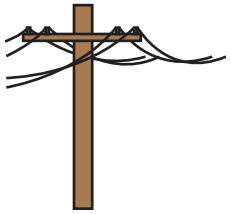
Order each column of objects from shortest to tallest.
Write “1” under the shortest item. Write “3” under the tallest item.

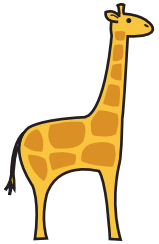


3

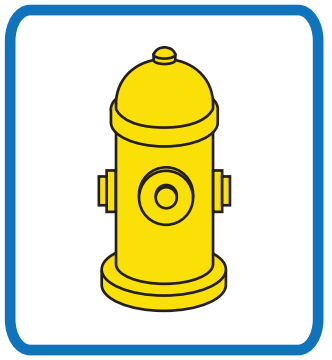
2





1

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



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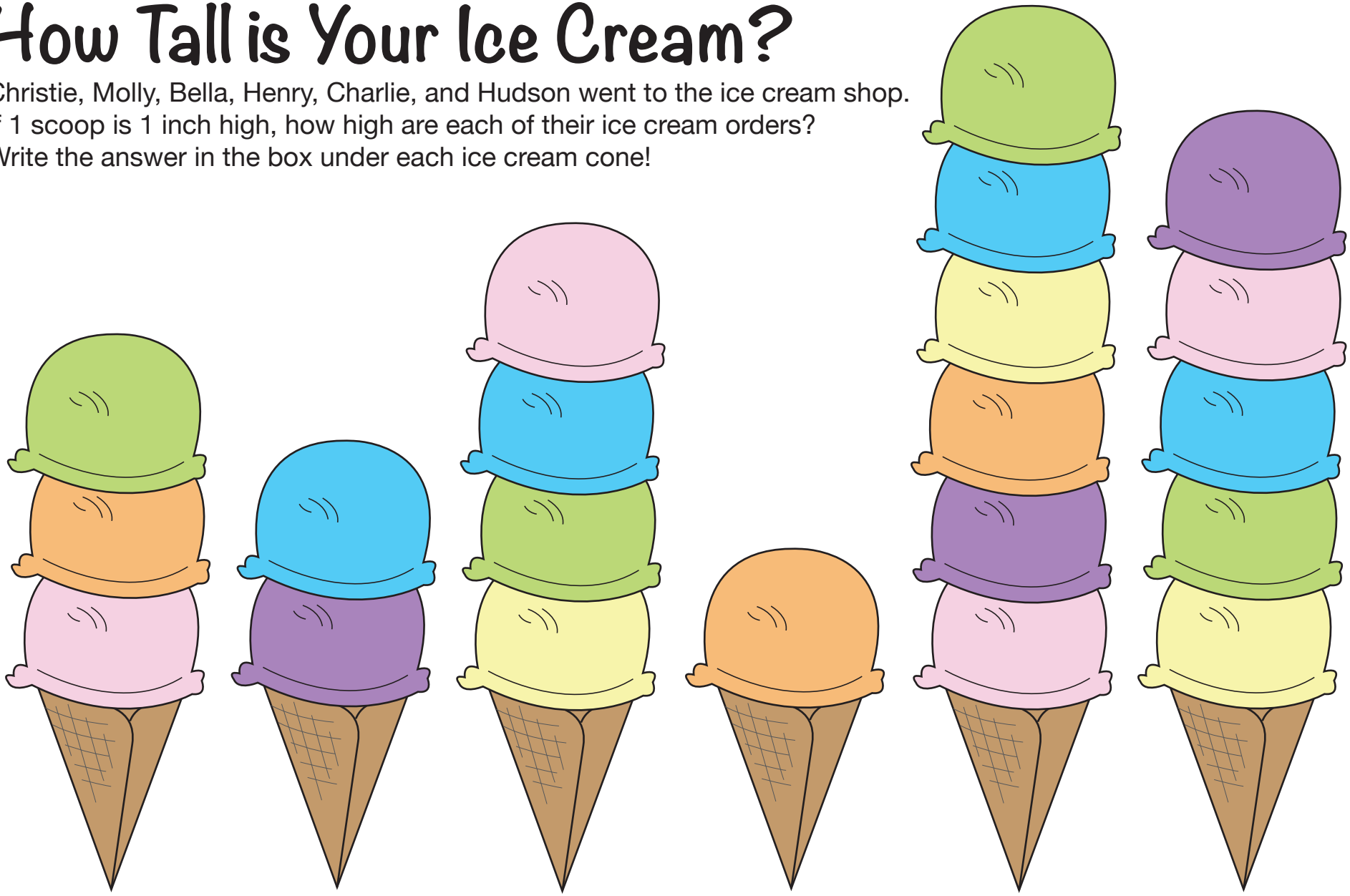
How Tall is Your Ice Cream?

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

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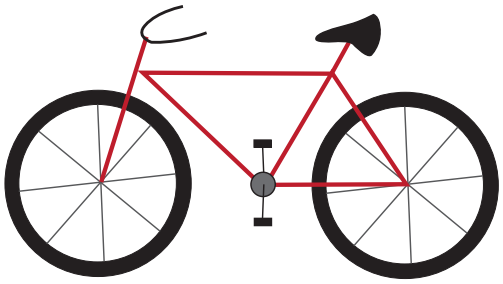
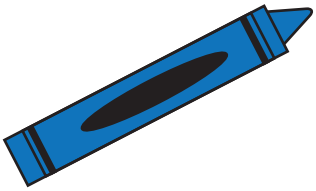
Estimating Length

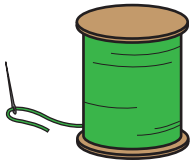
Estimate the length of each object.
Circle the answer that gives the best estimate.
**Remember: 1 foot = 12 inches



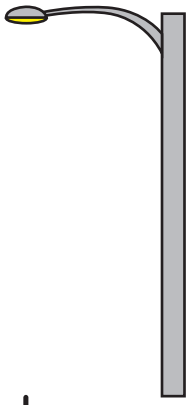
6 feet 6 inches



3 feet 3 inches

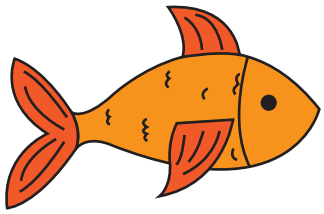


2 feet 2 inches



15 feet 15 inches

5 feet 5 inches



4 feet 4 inches

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Measuring in Inches

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

1. inches

2. inches

3. inches

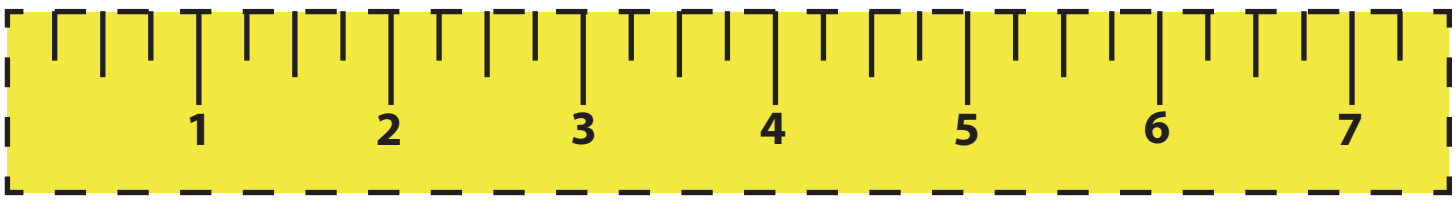
4. inches

5. inches

6. inches

7. inches

8. inches



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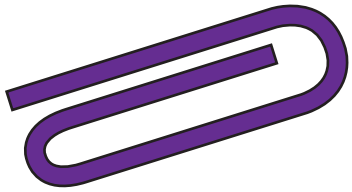
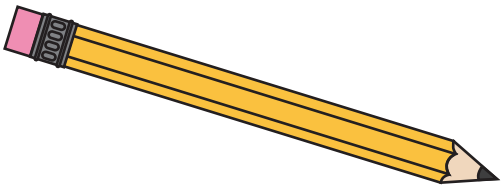
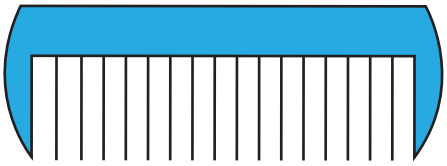
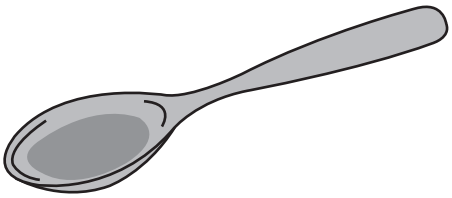
Measuring Length in Inches

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

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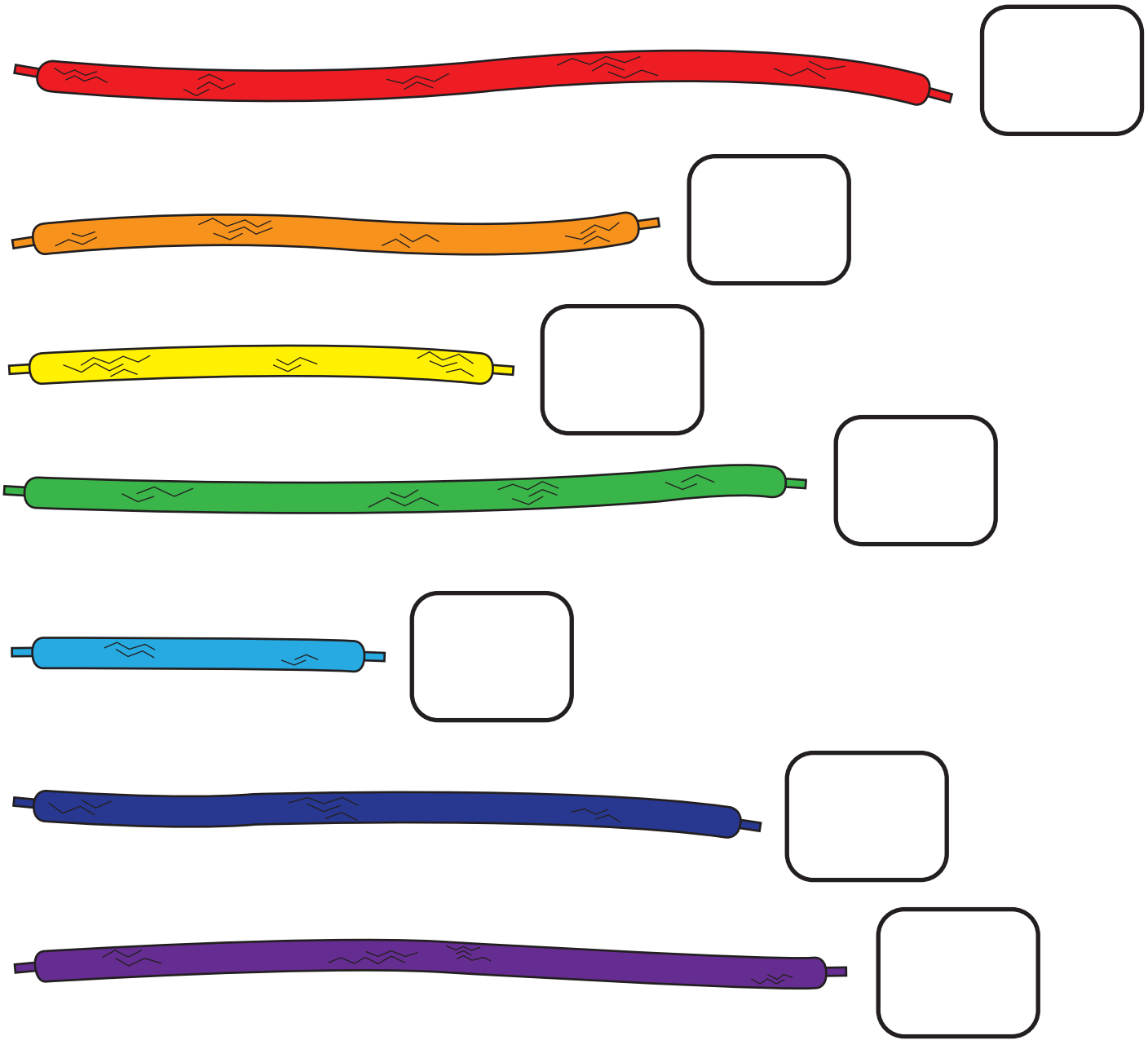
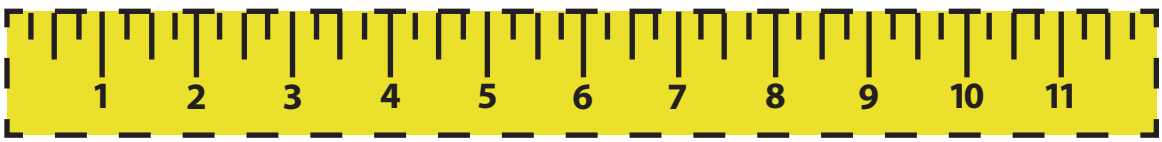
Lengthy Laces

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.





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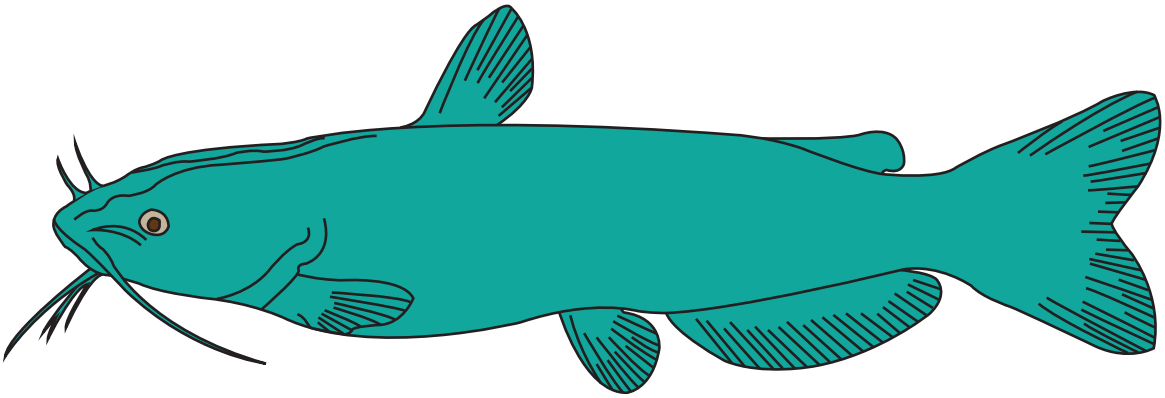
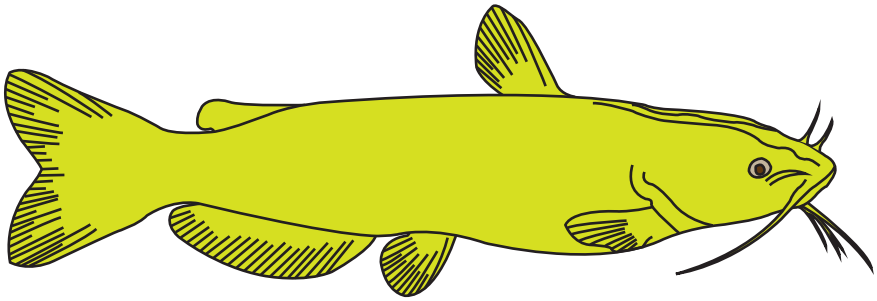
Measuring Fish

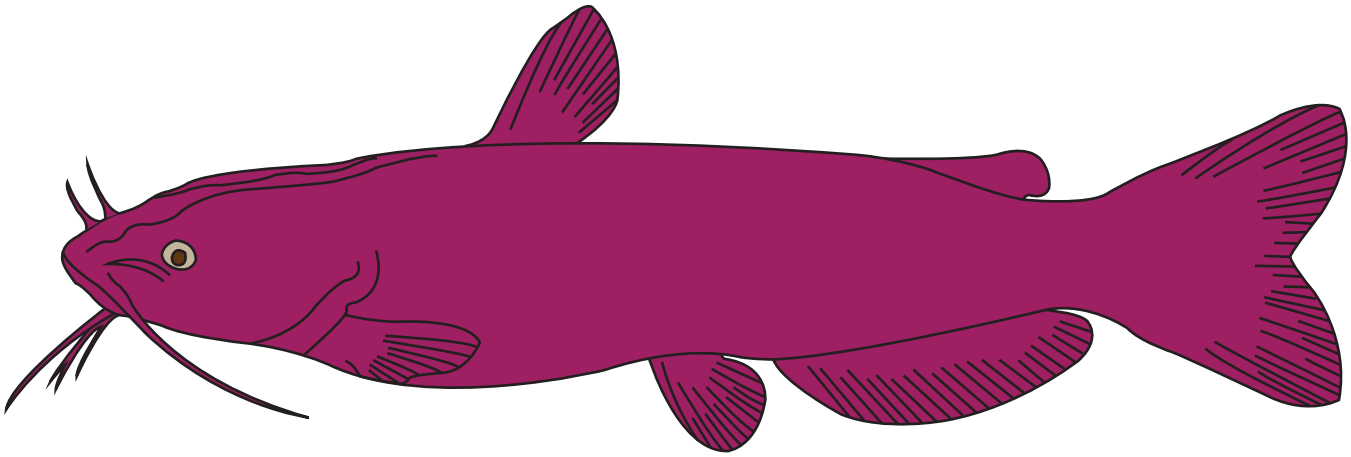
First estimate how many inches long you think each fish is from head to tail. Next go back to the top of the page and use your inch ruler to see how close your guesses are! Record your true measurements under each fish.



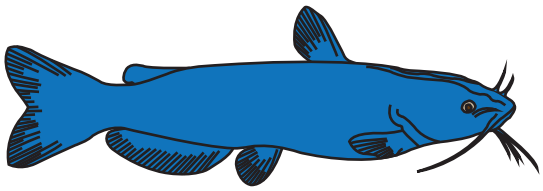
Estimated Length: _____ Actual Length: _____



Estimated Length: _____ Actual Length: _____



Estimated Length: _____ Actual Length: _____



Estimated Length: _____ Actual Length: _____

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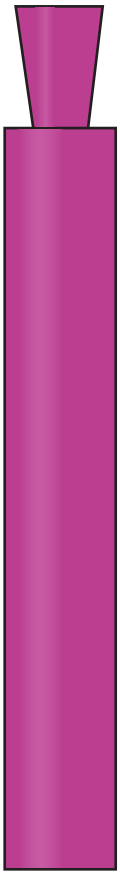
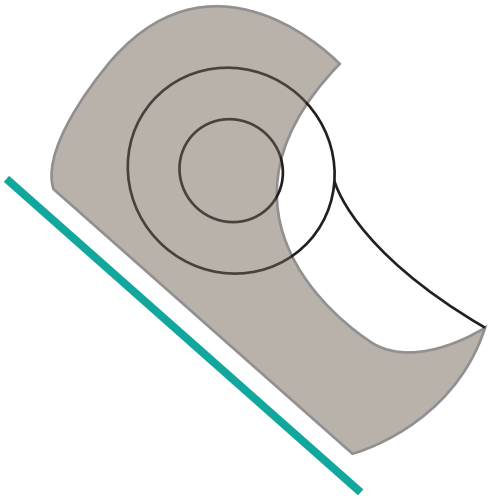
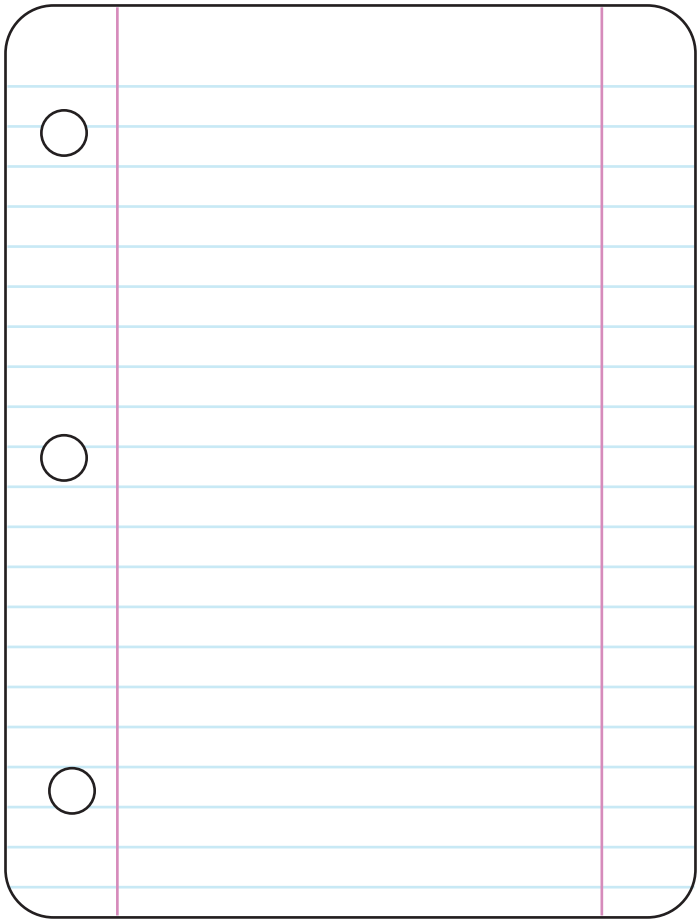
How Long Are Your School Supplies?

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.

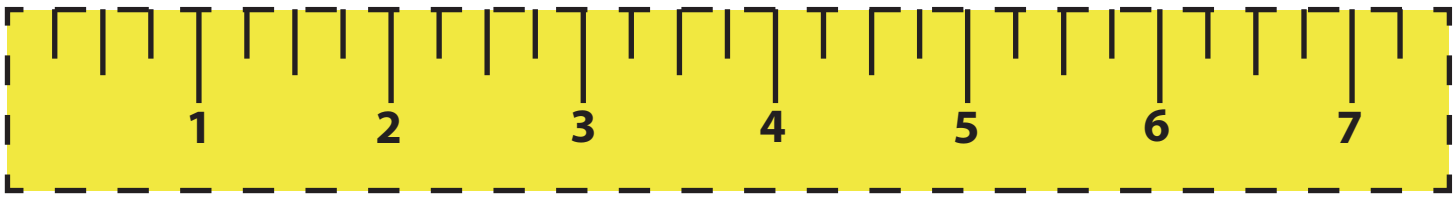


I ♥ SCHOOL!





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



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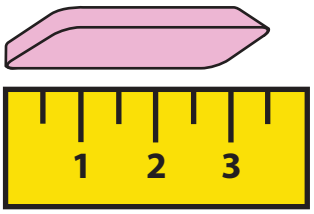
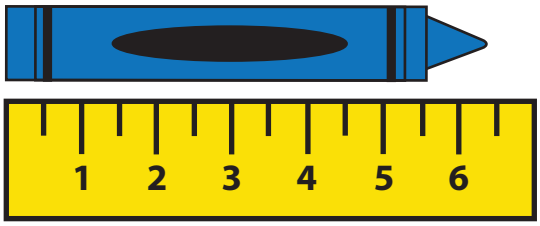
Measuring Length in Centimeters

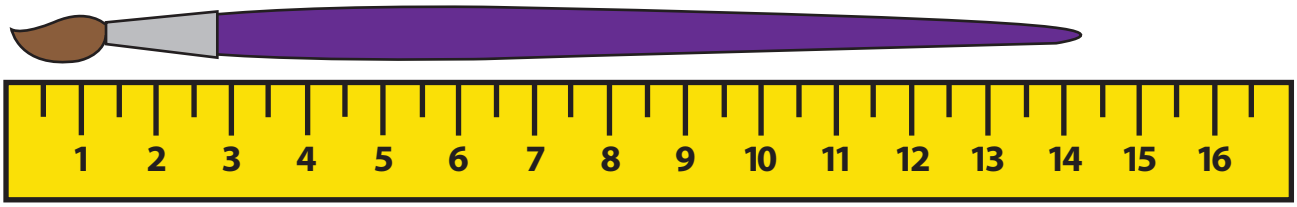
Use the centimeter rulers below to find the length of each item.



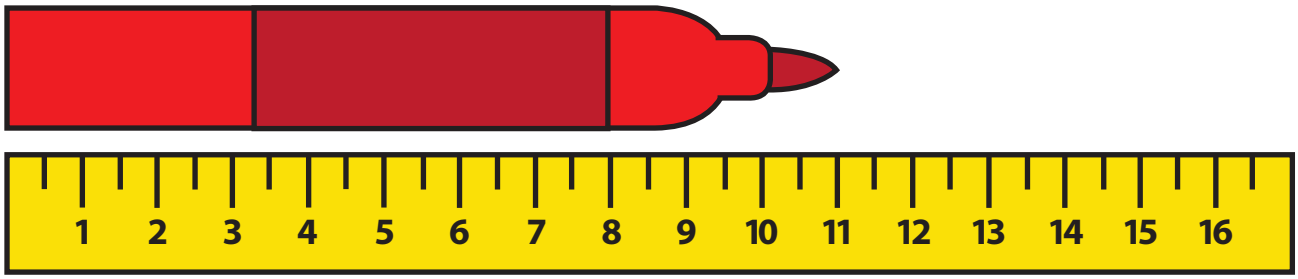
_____ centimeters



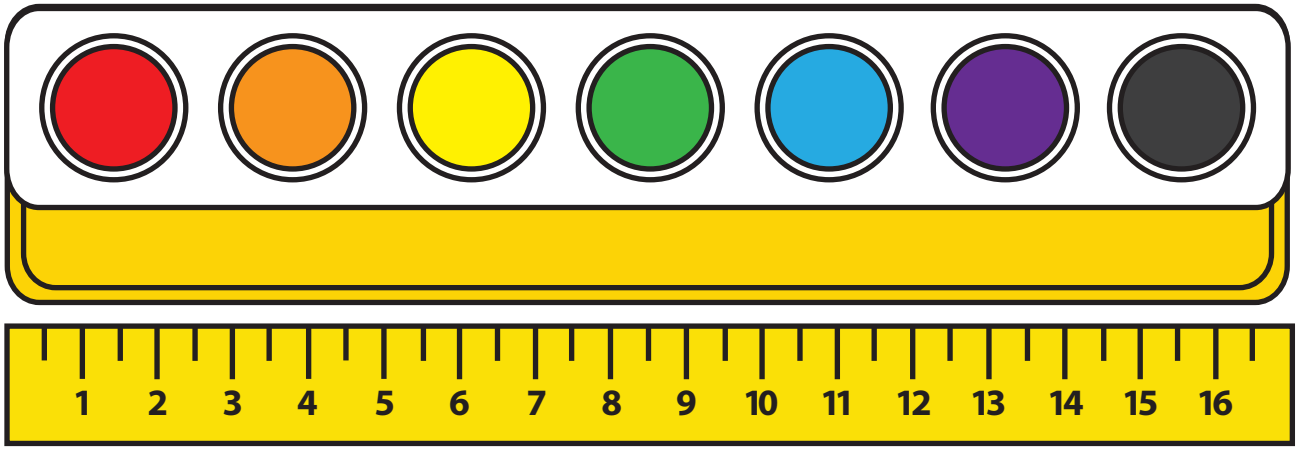
_____ centimeters



_____ centimeters



_____ centimeters



_____ centimeters

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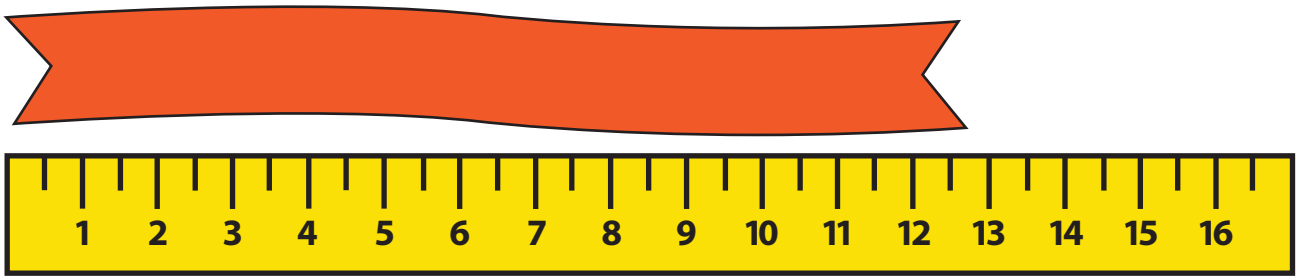
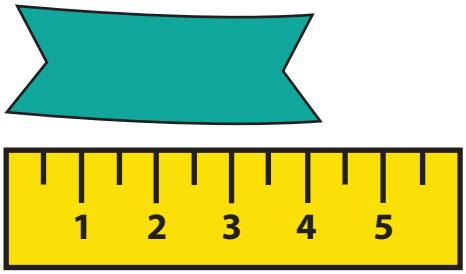
Measuring Length in Centimeters

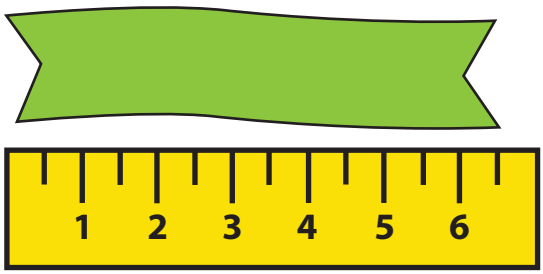
Write the length of each ribbon in centimeters using the rulers provided.



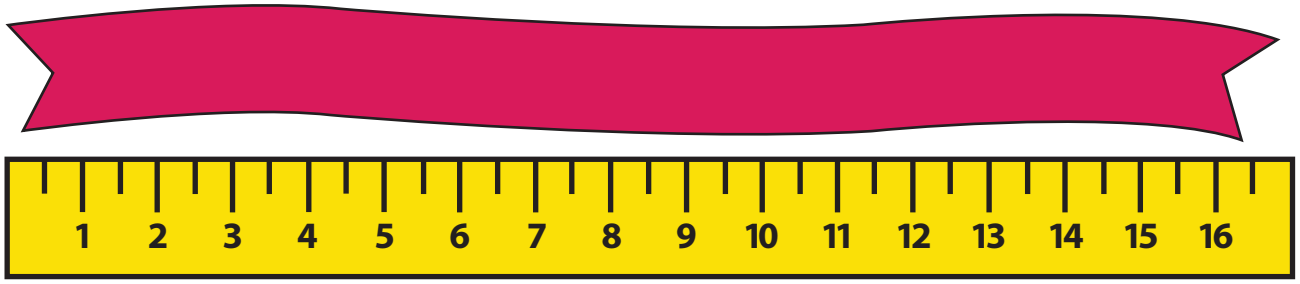
_____ centimeters



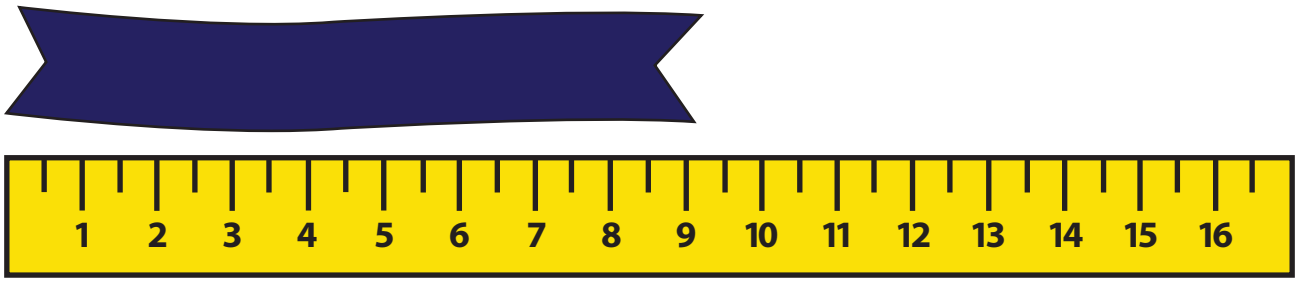
_____ centimeters



_____ centimeters



_____ centimeters



_____ centimeters

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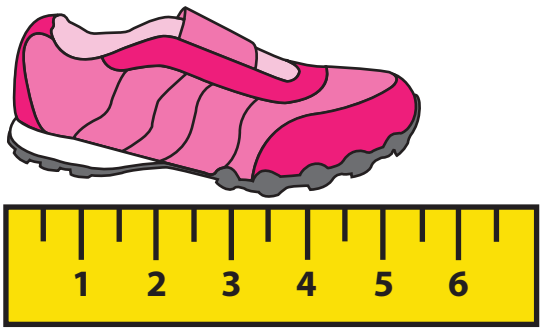
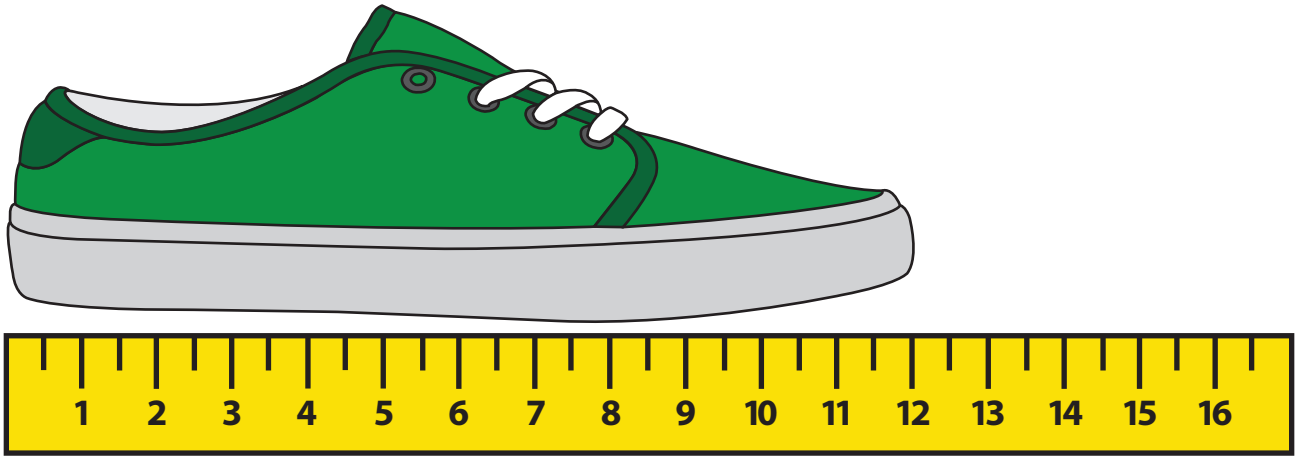
Measuring Length in Centimeters

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



_____ centimeters

_____ centimeters



_____ centimeters

_____ centimeters

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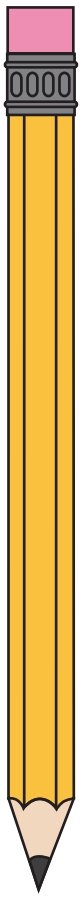
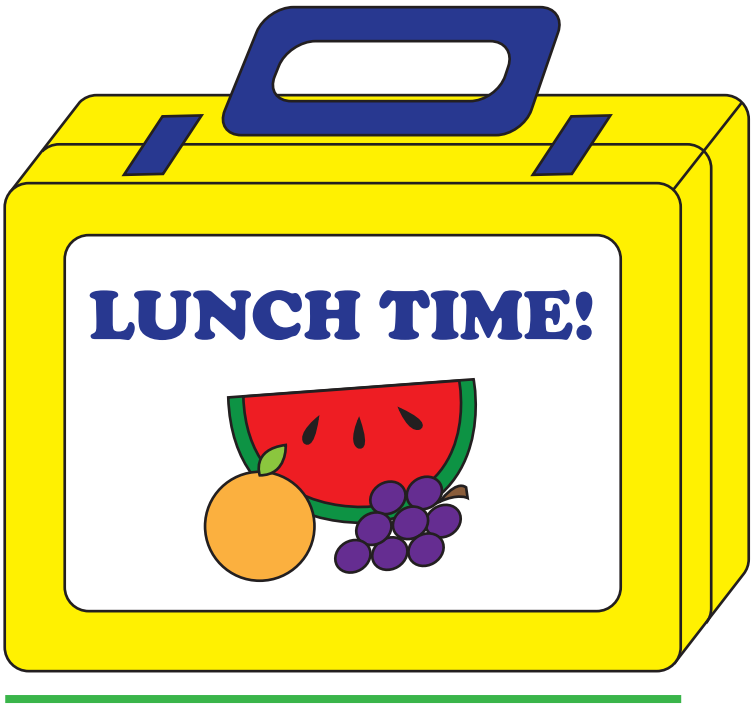
How Long Are Your School Supplies in Centimeters?

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.

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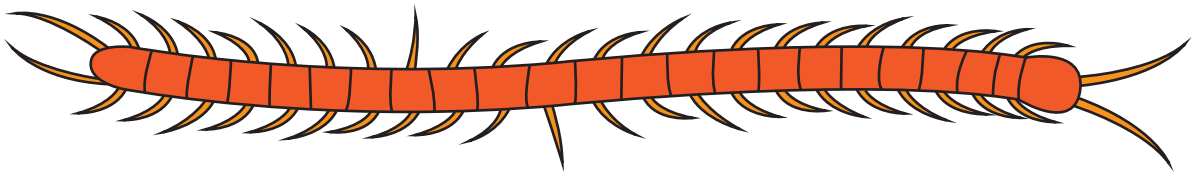
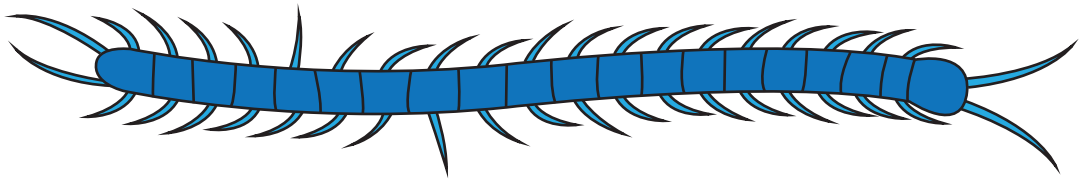
Measuring Centipedes

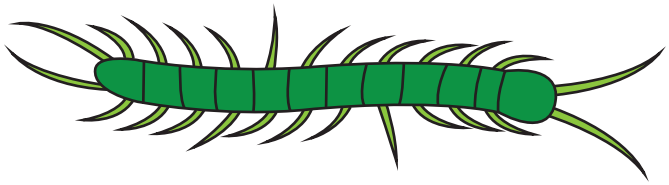
First estimate how many centimeters long you think each centipede is from head to tail. Next go back to the top of the page and use your centimeter ruler to see how close your guesses are! Record your true measurements under each centipede.



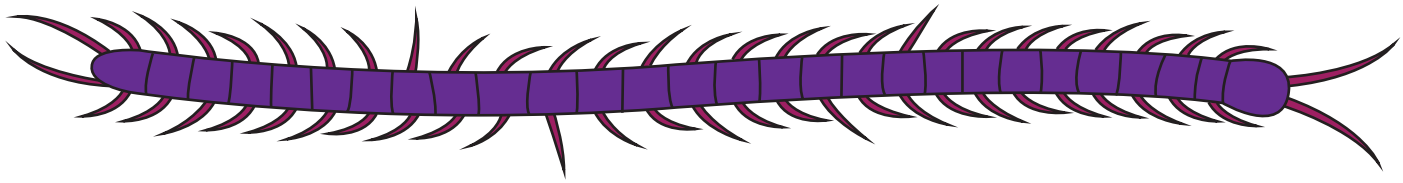
Estimated Length:_____ Actual Length:_____



Estimated Length:_____ Actual Length:_____



Estimated Length:_____ Actual Length:_____



Estimated Length:_____ Actual Length:_____

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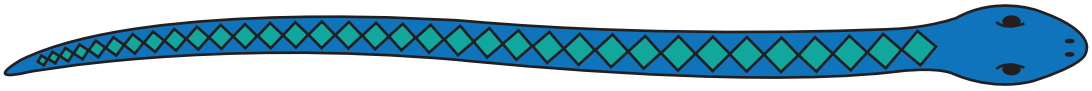
Measuring Snakes

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.

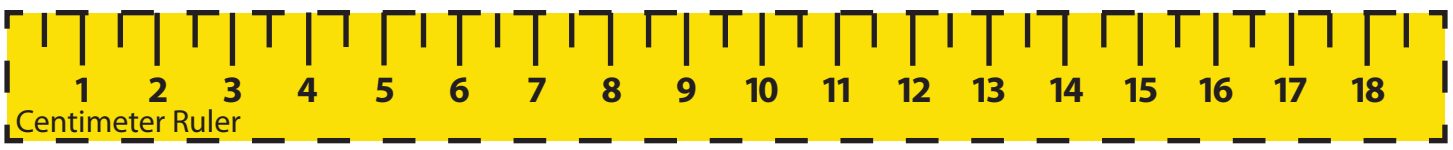
Inches	Centimeters
Estimated length: _____	Estimated length: _____
Actual length: _____	Actual length: _____

Inches	Centimeters
Estimated length: _____	Estimated length: _____
Actual length: _____	Actual length: _____



Inches	Centimeters
Estimated length: _____	Estimated length: _____
Actual length: _____	Actual length: _____

Inches	Centimeters
Estimated length: _____	Estimated length: _____
Actual length: _____	Actual length: _____



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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	LONG	EXACTLY	CAPACITY
INCH	SHORT	MEASURE	VOLUME
LENGTH	TALL	RULER	AREA
WIDTH	ABOUT	ESTIMATE	FOOT
HEIGHT	ALMOST	DEPTH	ACTUAL

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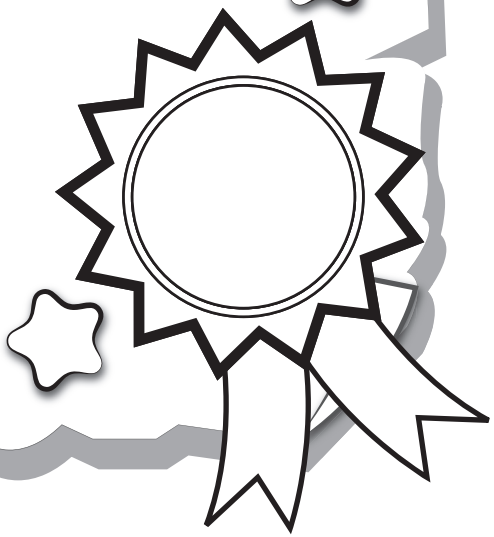
Great job!

_____

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