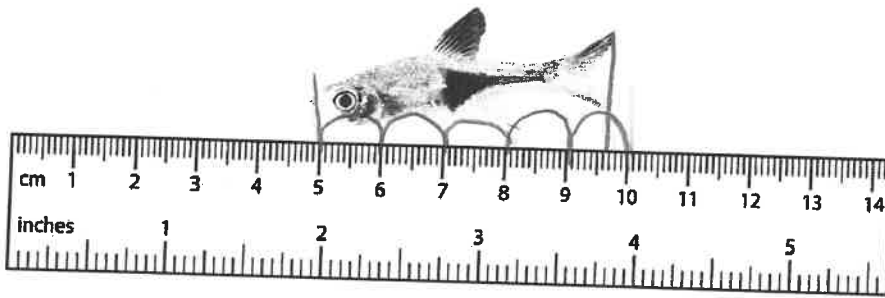


Scholar: Phuong

Date: _____

Problem Solving Task

How many centimeters long is the fish?



5 cm

Explain how you figured it out.

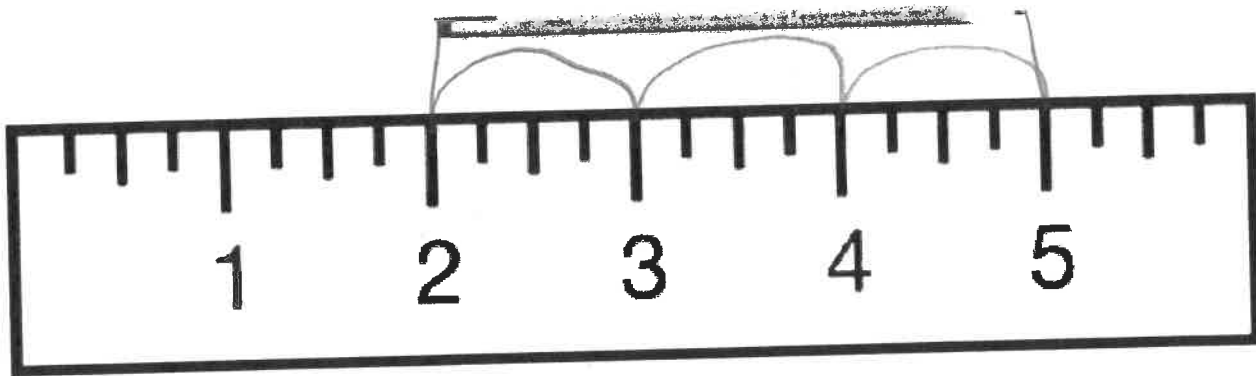
First I counted how many centimeters and I started at 5 because the fish is in a different place. It's starting at 5!

What could have been done to make measuring the fish easier?

I would move the fish to 0 cm then measure until the end.

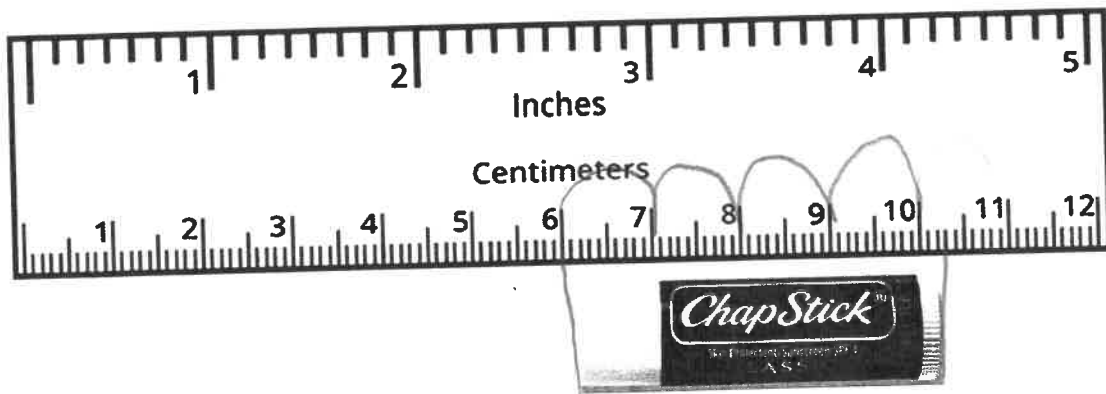
Discussion Question 1:

How many inches long is this pencil?



3 in.

How many centimeters long is this ChapStick?

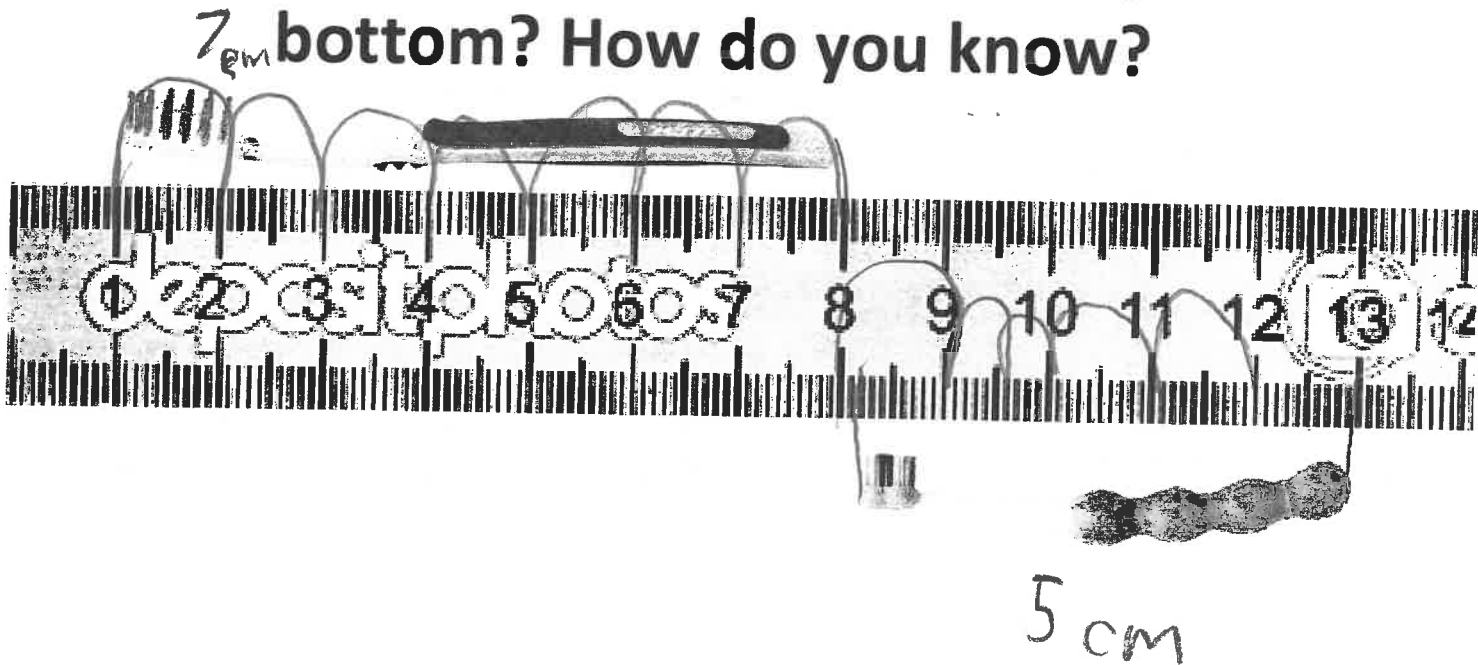


4 cm

Discussion Question 2:

The unit on the ruler is centimeters.

Which toothbrush is longer, the top or the bottom? How do you know?



I knew because I started at 0 cm for both and measured and I got 7 cm for the top and 5 cm for the bottom. 7 is bigger than 5. So the top is longer.

Name: Phueng

Exit Ticket

Jasmine is measuring her spork. She lines up her ruler and says the spork is 21 cm. Do you agree with Jasmine's measurement? Explain your thinking, and what the correct answer should be.



9 cm

Name: Phuency

Independent Review

1. Draw a line that is one centimeter long. Draw a second line that is 4 cm. Label both lines.

1 cm
4 cm

2. Circle the estimates of measurement that makes the most sense for the items below:

• The height of Ms. Dosky

~~a~~ 13 inches

b 5 feet

~~c~~ 5 miles

~~d~~ 1 meter

• The length of a cafeteria table

~~a~~ 12 centimeters

b 6 yards

~~c~~ 9 miles

~~d~~ 6 inches

• The distance from Boston to Providence

~~a~~ 1 meter

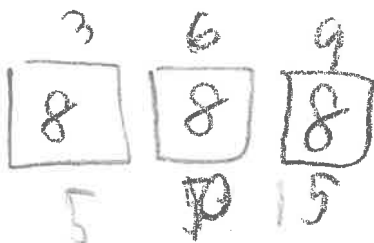
~~b~~ 5 feet

c 55 miles

~~d~~ 50 inches

2. Write a number story that matches this number sentence $3 \times 8 = ?$ Then, draw a model to match the problem and solve.

I have 3 books. Each book has 8 pages. How
many pages are in all?



$$\begin{array}{r} 15 \\ + 9 \\ \hline 24 \end{array}$$

24 pages

4. Solve for the missing variables:

$$357 = B - 118$$

$$\begin{array}{r} 357 \\ + 118 \\ \hline 475 \end{array}$$

$$? = 106 + 404$$

$$\begin{array}{r} 106 \\ + 404 \\ \hline 510 \end{array}$$

5. There were 712 books in the library. On Saturday 345 were checked out. How many books were left in the library?

$$\begin{array}{r} 6^{\text{th}} \text{ } 10^{\text{th}} \text{ } 12^{\text{th}} \\ 712 \\ - 345 \\ \hline 367 \text{ books} \end{array}$$

6. John had 9 boxes of crayons. In each box there were 6 crayons. How many crayons were there in all?

$$\begin{array}{cccccc} \boxed{6} & \boxed{6} & \boxed{6} & \boxed{6} & \boxed{6} & \\ \boxed{6} & \boxed{6} & \boxed{6} & \boxed{6} & & \\ & & & & & \boxed{54 \text{ crayons}} \end{array}$$

7. Ms. Brysh was handing out books to the classrooms. One room got 13 books, two rooms got 28 books, and the last room got 7 books. How many books did Ms. Brysh hand out in all?

$$\begin{array}{ccc} \boxed{13} & \boxed{28} & \boxed{7} \\ \hline 30 & & \\ + 13 & & \\ \hline 43 & & \\ & & 43 \\ & & + 7 \\ & & \hline & & 50 \end{array}$$

$$\begin{array}{r} 4^{\text{th}} \text{ } 10^{\text{th}} \\ 50 \\ - 2 \\ \hline 48 \end{array}$$

? = 48 books

8. A farmer has 4 fields. There are 38 rows of corn in the first field and 18 rows of corn in the second field. The third and fourth field both have 13 rows of corn. How many rows of corn are there in all?

$$\begin{array}{r} 40 \\ + 18 \\ \hline 58 \end{array}$$
$$\begin{array}{r} 58 \\ + 13 \\ \hline 71 \end{array}$$
$$\begin{array}{r} 71 \\ - 2 \\ \hline 69 \end{array}$$

69 rows

W.A.M.

True or false? Explain your thinking.

If you measure a pencil in inches, and then centimeters, you will get the same number for both units.

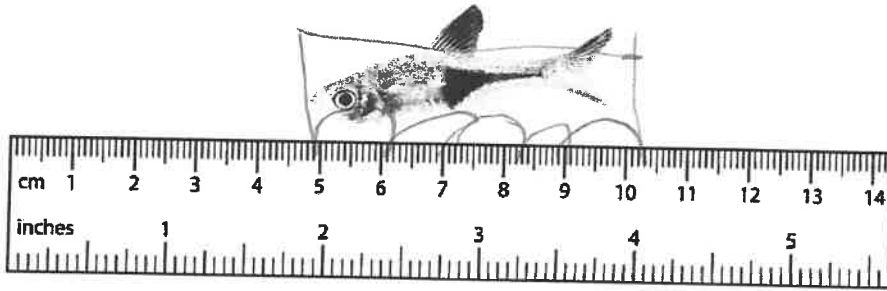
False because inches are bigger than centimeters so centimeters will need to be a bigger number.

Scholar: Ayden

Date: _____

Problem Solving Task

How many centimeters long is the fish?



5 centimeter

Explain how you figured it out.

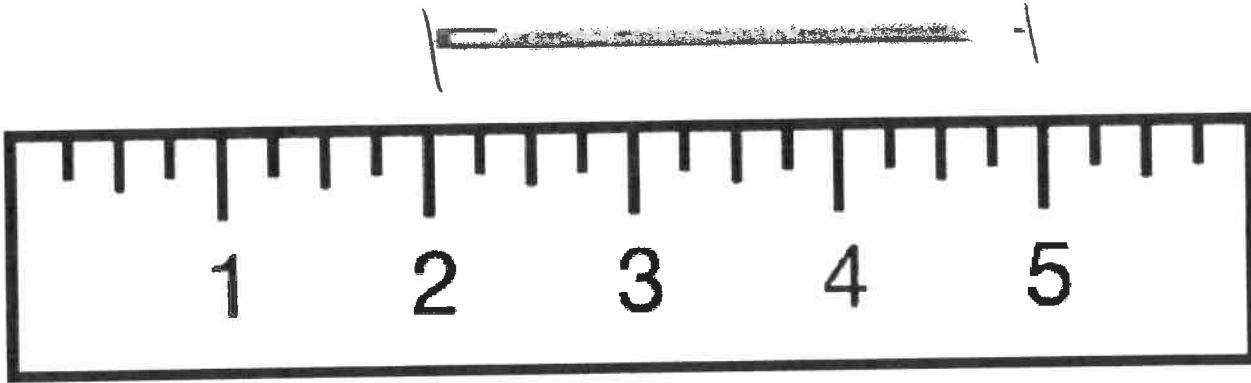
I figured it out by using my hands to see how long it is and then I put it on the ruler and it said it was 5 centimeter long.

What could have been done to make measuring the fish easier?

What could have been easier to make measuring the fish easier would be to have a ruler.

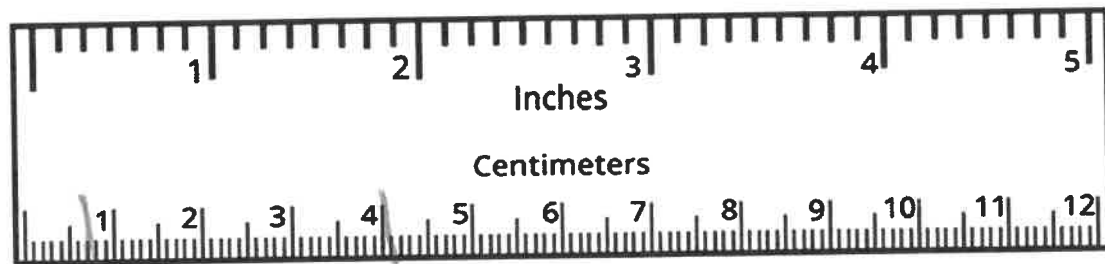
Discussion Question 1:

How many inches long is this pencil?



3 inches
answer

How many centimeters long is this ChapStick?

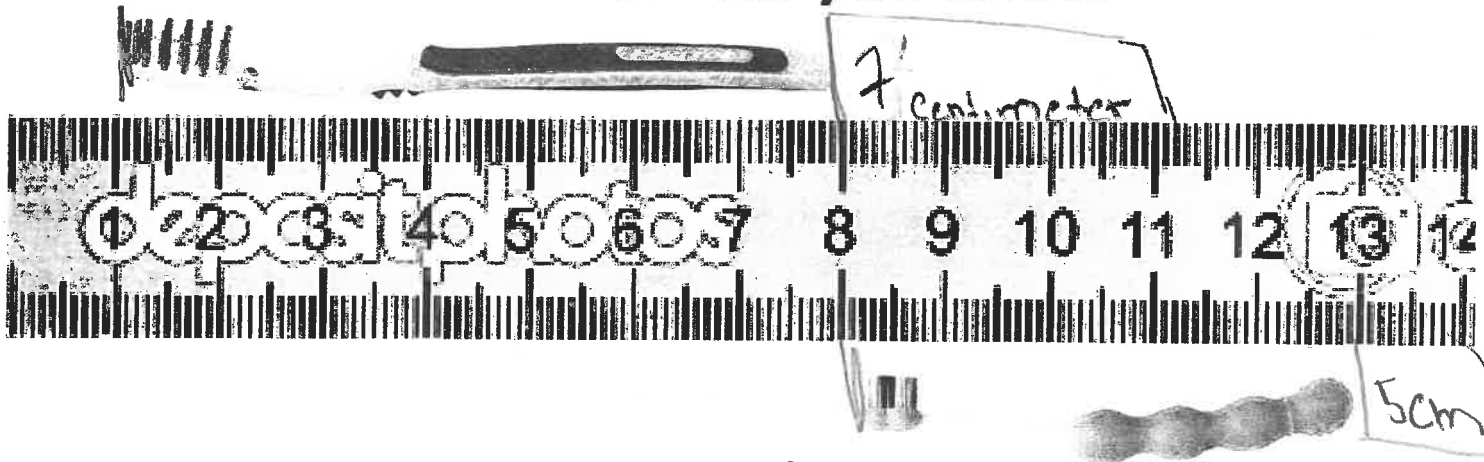


ChapStick
4 centimeters
answer

Discussion Question 2:

The unit on the ruler is centimeters.

Which toothbrush is longer, the top or the bottom? How do you know?



~~The first~~

The first toothbrush is more longer because it
is 7 centimeter and the second toothbrush
is 5 centimeter and 7 is bigger than 5
so the first toothbrush is bigger than
the second toothbrush.

Name: Arden

Exit Ticket

Jasmine is measuring her spork. She lines up her ruler and says the spork is 21 cm. Do you agree with Jasmine's measurement? Explain your thinking, and what the correct answer should be.



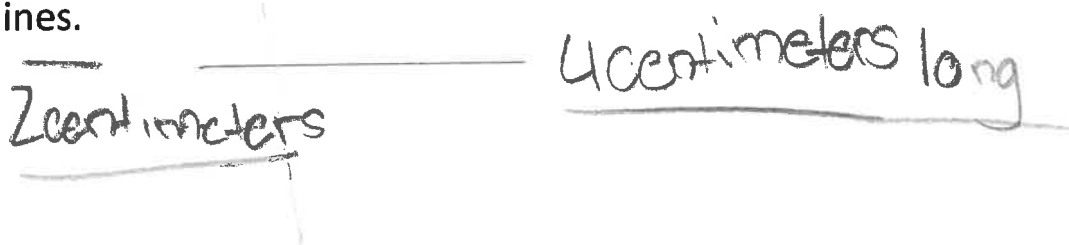
I disagree because even though the spork is in the middle of the measurement, it is 21 centimeters long.

9 centimeters long

Name: Ayden

Independent Review

1. Draw a line that is one centimeter long. Draw a second line that is 4 cm. Label both lines.



2. Circle the estimates of measurement that makes the most sense for the items below:

- The height of Ms. Dosky
a) 13 inches b) 5 feet c) 5 miles d) 1 meter
- The length of a cafeteria table
a) 12 centimeters b) 6 yards c) 9 miles d) 6 inches
- The distance from Boston to Providence
a) 1 meter b) 5 feet c) 55 miles d) 50 inches

2. Write a number story that matches this number sentence $3 \times 8 = ?$ Then, draw a model to match the problem and solve.

I have 3 friends. Each friend gets 8 cookies. How many
cookies are there.

4. Solve for the missing variables:

$357 = B - 118$ $B - 118 = 357$

$$\begin{array}{r} 357 \\ -118 \\ \hline 239 \end{array}$$

239
Answer

$? = 106 + 404$

$$\begin{array}{r} 2104 \\ -106 \\ \hline 2098 \end{array}$$

2098
Answer

5. There were 712 books in the library. On Saturday 345 were checked out. How many books were left in the library?

~~$$\begin{array}{r} 700 \\ -300 \\ \hline 400 \end{array}$$~~

$$\begin{array}{r} 712 \\ -345 \\ \hline 367 \end{array}$$

367 books
Answer

6. John had 9 boxes of crayons. In each box there were 6 crayons. How many crayons were there in all?

$6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 = 54$

54 crayons
Answer

7. Ms. Brysh was handing out books to the classrooms. One room got 13 books, two rooms got 28 books, and the last room got 7 books. How many books did Ms. Brysh hand out in all?

8. A farmer has 4 fields. There are 38 rows of corn in the first field and 18 rows of corn in the second field. The third and fourth field both have 13 rows of corn. How many rows of corn are there in all?

$$\begin{array}{r} 38+18 \\ \hline 40+16=56 \\ 1 \\ 56 \\ +26 \\ \hline 82 \end{array}$$

W.A.M.

$$\begin{array}{r} 13+13 \\ \hline 20+6=26 \end{array}$$

82 corn
Answer

True or false? Explain your thinking.

If you measure a pencil in inches, and then centimeters, you will get the same number for both units.

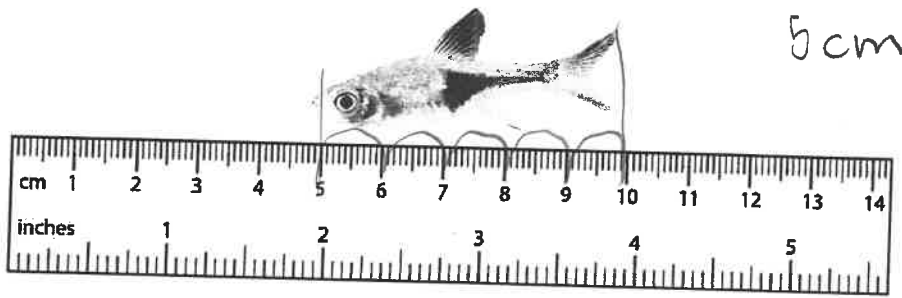
I disagree because centimeters is smaller than inches so there is going to be more centimeters than inches because inches are bigger than centimeters and centimeters are smaller than inches.

Scholar: Isabella

Date: _____

Problem Solving Task

How many centimeters long is the fish?



Explain how you figured it out.

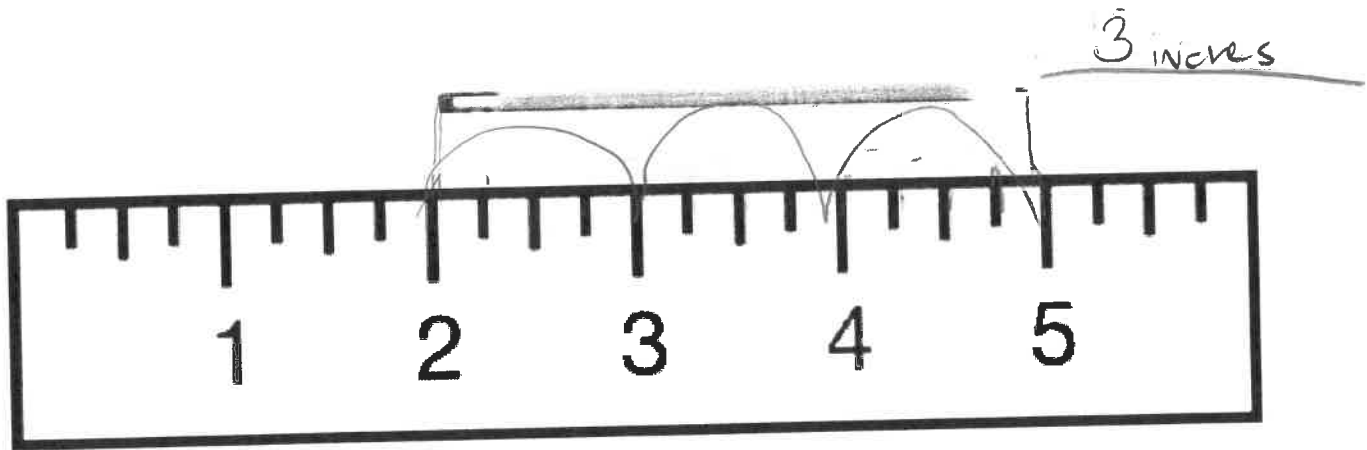
I got 5cm because I first took my fingers and measured it
then I moved it to 1cm and I got 5 cm for
my answer.

What could have been done to make measuring the fish easier?

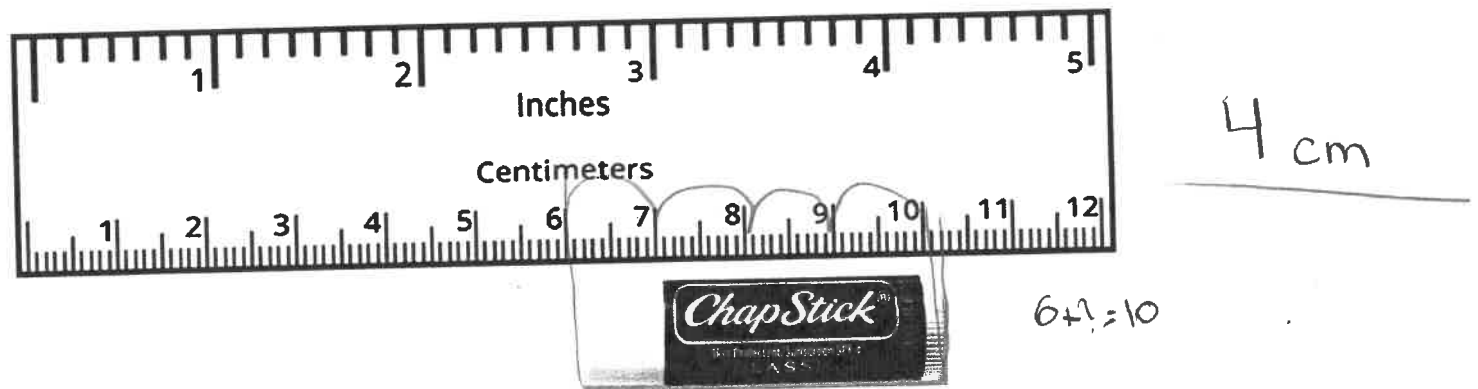
It would of been easier if the fish started at 1cm
so we can measure it easier.

Discussion Question 1:

How many inches long is this pencil?



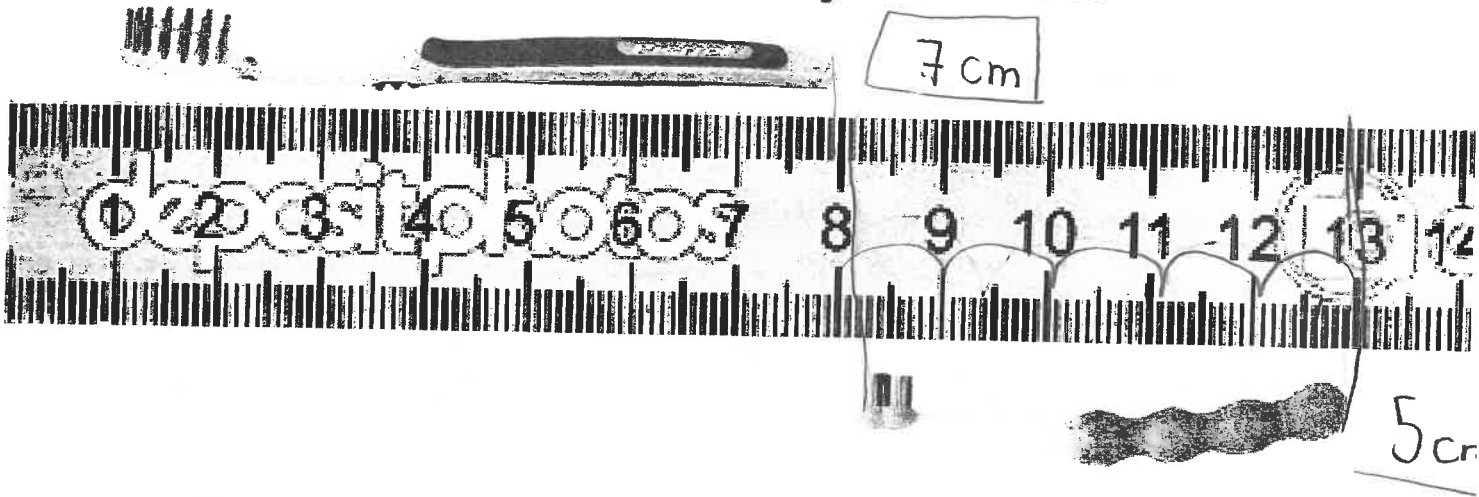
How many centimeters long is this ChapStick?



Discussion Question 2:

The unit on the ruler is centimeters.

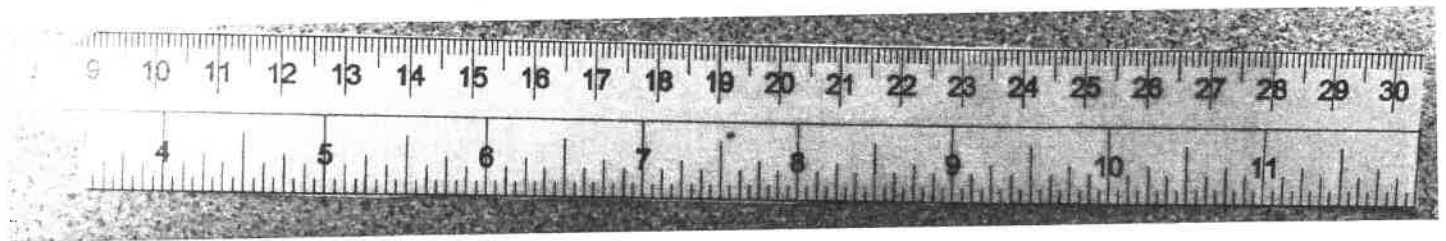
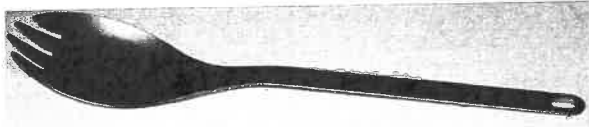
Which toothbrush is longer, the top or the bottom? How do you know?



Name: _____

Exit Ticket

Jasmine is measuring her spork. She lines up her ruler and says the spork is 21 cm. Do you agree with Jasmine's measurement? Explain your thinking, and what the correct answer should be.

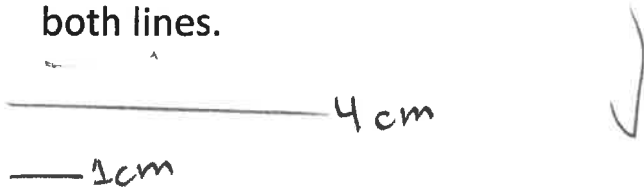


I disagree with Jasmine because the ruler is broken so it would not make sense for it to be 21 cm long. I think it is 9 cm long.

Name: _____

Independent Review

1. Draw a line that is one centimeter long. Draw a second line that is 4 cm. Label both lines.

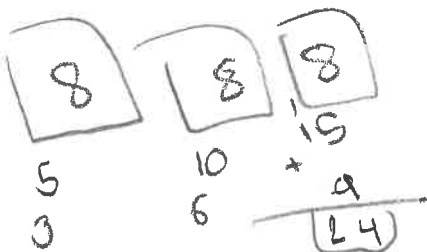


2. Circle the estimates of measurement that makes the most sense for the items below:

- The height of Ms. Dosky
a) 13 inches b) 5 feet ✓ c) 5 miles d) 1 meter
- The length of a cafeteria table
a) 12 centimeters b) 6 yards ✓ c) 9 miles d) 6 inches
- The distance from Boston to Providence
a) 1 meter b) 5 feet c) 55 miles ✓ d) 50 inches

2. Write a number story that matches this number sentence $3 \times 8 = ?$ Then, draw a model to match the problem and solve.

I have 3 boxes each box has 8 cats in it how many cats are in all? ✓



24 cats ✓

4. Solve for the missing variables:

$357 = B - 118$
 $B - 118 = 357$
 $239 - 118 = 357$

$$\begin{array}{r} 357 \\ + 118 \\ \hline 475 \end{array}$$

$? = 106 + 404$
 404
 $+ 106$
 $\hline 510$ ✓

5. There were 712 books in the library. On Saturday 345 were checked out. How many books were left in the library?

$$\begin{array}{r} 712 \\ - 345 \\ \hline 367 \end{array}$$

books ✓

6. John had 9 boxes of crayons. In each box there were 6 crayons. How many crayons were there in all?

$\boxed{6}$	$\boxed{6}$	$\boxed{6}$	$\boxed{6}$	$\boxed{6}$	$\boxed{6}$	$\boxed{6}$	$\boxed{6}$	$\boxed{6}$
3	6	9	12	15	18	21	24	27
3	6	9	12	15	18	21	24	+ 27
								$\hline \boxed{54}$
								crayons

7. Ms. Brysh was handing out books to the classrooms. One room got 13 books, two rooms got 28 books, and the last room got 7 books. How many books did Ms. Brysh hand out in all?

$$\begin{array}{r} 28 \\ + 28 \\ \hline 56 \end{array}$$

$$\begin{array}{r} 56 \\ + 20 \\ \hline \boxed{76} \end{array}$$

76 books ✓

8. A farmer has 4 fields. There are 38 rows of corn in the first field and 18 rows of corn in the second field. The third and fourth field both have 13 rows of corn. How many rows of corn are there in all?

$$\begin{array}{r} 38 \\ + 18 \\ \hline 56 \end{array}$$

$$\begin{array}{r} 56 \\ + 13 \\ \hline 69 \end{array}$$

$$\begin{array}{r} 69 \\ + 13 \\ \hline 82 \end{array}$$

82 rows of corn



W.A.M.

True or false? Explain your thinking.

If you measure a pencil in inches, and then centimeters, you will get the same number for both units.

I think it's false because cm have to have a bigger value than inches but inches are still bigger.



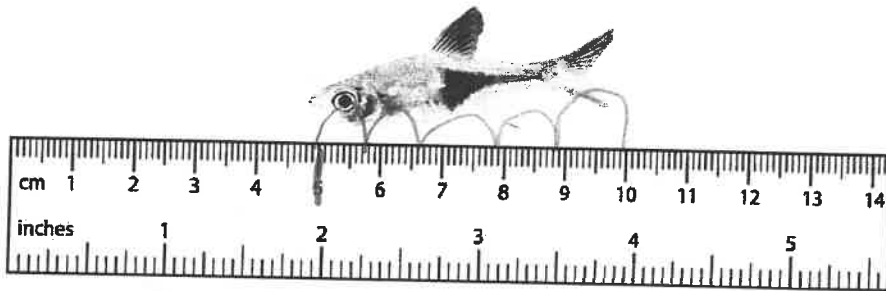
Scholar: Elias

Date: _____

Problem Solving Task

How many centimeters long is the fish?

~~8 cm~~



~~6 cm~~

6 cm

Explain how you figured it out.

I figured it out because I thought
it was at 1 and I thought it
was at 6 cm.

What could have been done to make measuring the fish easier?

I think you should think that
fish is at zero and I got 6 cm.

Discussion Question 1:

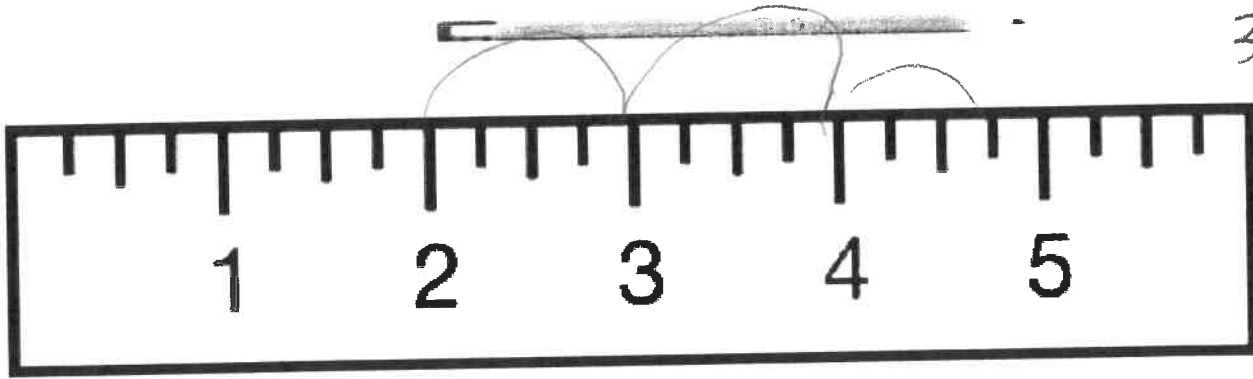
How many inches long is this pencil?

3 In

3 cm

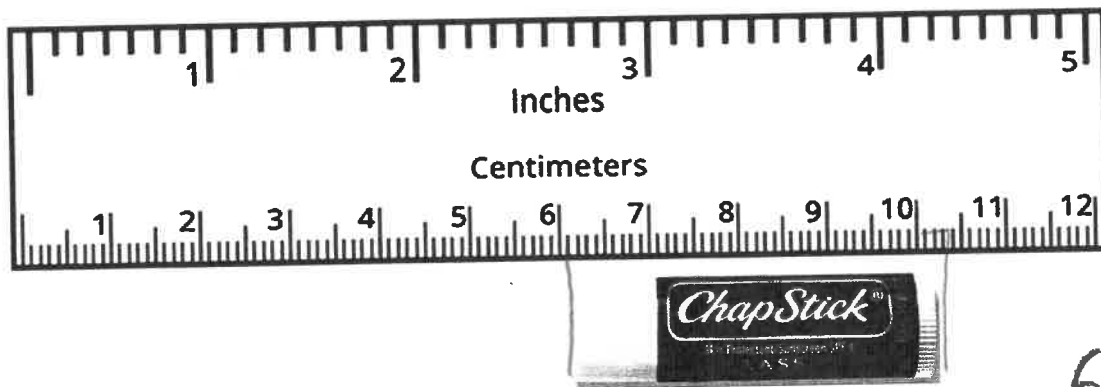
$$5 - 2 = 3$$

3 cm



How many centimeters long is this ChapStick?

4 cm



$$6 + 4 = 10$$

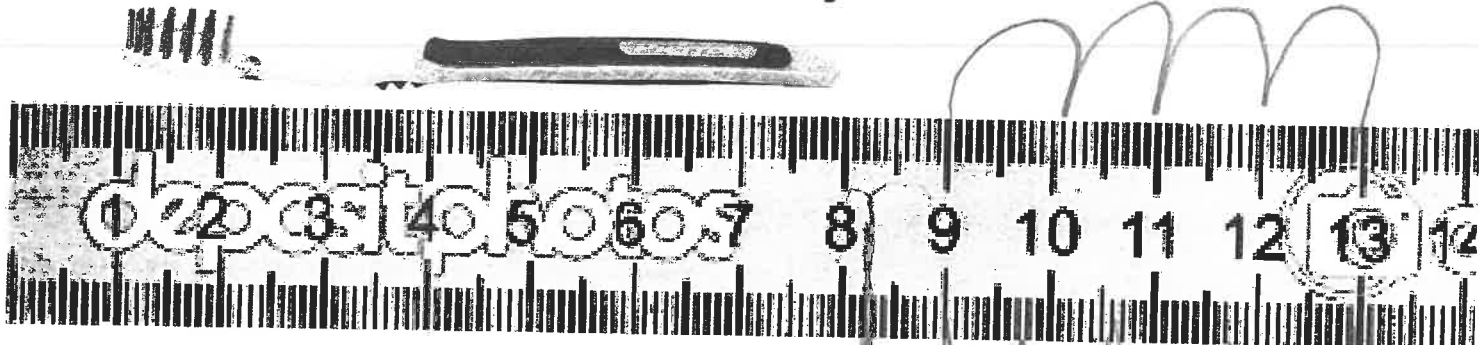
$$10 - 6 = 4$$

$$\begin{array}{r} 10 \\ - 6 \\ \hline 4 \end{array}$$

Discussion Question 2:

The unit on the ruler is centimeters.

Which toothbrush is longer, the top or the bottom? How do you know?



$$8 + 5 = 13 \quad 8 \text{ cm}$$

5 cm

8 cm

$$\begin{array}{r} \cancel{8} \text{ In total } \\ \cancel{13} - \cancel{4} = \cancel{9} \\ \hline \cancel{4} + \cancel{4} = \cancel{13} \end{array}$$

$$\begin{array}{r} \cancel{13} \\ - \cancel{4} \\ \hline \end{array}$$

8 + 5 =

4 cm

~~8 cm~~

Name: _____

Exit Ticket

Jasmine is measuring her spork. She lines up her ruler and says the spork is 21 cm. Do you agree with Jasmine's measurement? Explain your thinking, and what the correct answer should be.



$$21 - 12 = 9$$

9 cm

$$\textcircled{20} - 12 = 8$$

~~8 cm~~

Name: _____

Independent Review

1. Draw a line that is one centimeter long. Draw a second line that is 4 cm. Label both lines.



2. Circle the estimates of measurement that makes the most sense for the items below:

- The height of Ms. Dosky
a) 13 inches b) 5 feet c) 5 miles d) 1 meter
- The length of a cafeteria table
a) 12 centimeters b) 6 yards c) 9 miles d) 6 inches ✓
- The distance from Boston to Providence
a) 1 meter b) 5 feet c) 55 miles d) 50 inches

2. Write a number story that matches this number sentence $3 \times 8 = ?$ Then, draw a model to match the problem and solve.

I have 3 boxes each box has 8 books inside how many books are there

$$\begin{array}{r} 8 \\ +8 \\ +8 \\ \hline =24 \end{array}$$

4. Solve for the missing variables:

$357 = B - 118$

$? = 106 + 404$

~~$$\begin{array}{r} 357 \\ - 118 \\ \hline 239 \end{array}$$~~

$$\begin{array}{r} 357 \\ + 118 \\ \hline 475 \end{array}$$

$$\begin{array}{r} 357 \\ - 118 \\ \hline 239 \end{array}$$

$$\begin{array}{r} 106 \\ + 404 \\ \hline 510 \end{array}$$

5. There were 712 books in the library. On Saturday 345 were checked out. How many books were left in the library?

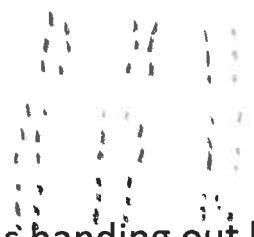
~~$$\begin{array}{r} 712 \\ - 345 \\ \hline 367 \end{array}$$~~

$$\begin{array}{r} 712 \\ - 345 \\ \hline 367 \end{array}$$

367 Books

6. John had 9 boxes of crayons. In each box there were 6 crayons. How many crayons were there in all?

$9 \times 6 = 54$



54 crayons

7. Ms. Brysh was handing out books to the classrooms. One room got 13 books, two rooms got 28 books, and the last room got 7 books. How many books did Ms. Brysh hand out in all?

~~$$13 + 28 + 7 = 48 \text{ books}$$~~

$$30 + 18 = 48$$

8. A farmer has 4 fields. There are 38 rows of corn in the first field and 18 rows of corn in the second field. The third and fourth field both have 13 rows of corn. How many rows of corn are there in all?

$$\begin{array}{r} 38 + 18 + 13 = 69 \\ \hline 50 + 19 = 69 \end{array} \quad \begin{array}{l} \text{ROWS OF} \\ \text{CORN} \end{array}$$

W.A.M.

True or false? Explain your thinking.

If you measure a pencil in inches, and then centimeters, you will get the same number for both units.

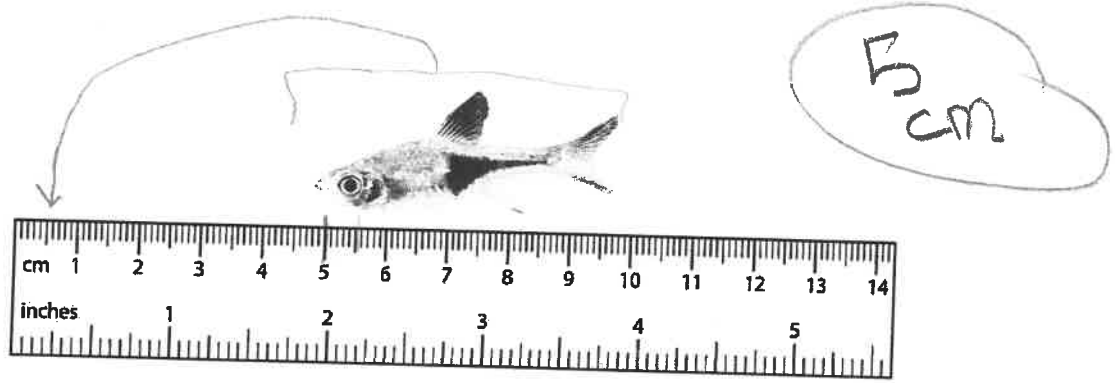
That is false because cm is smaller than inches and inches are bigger than cm

Scholar: AJ

Date: _____

Problem Solving Task

How many centimeters long is the fish?



Explain how you figured it out.

I got 5 cm because I measured with
2 fingers and put it at 1 cm and
it reached to 5 cm

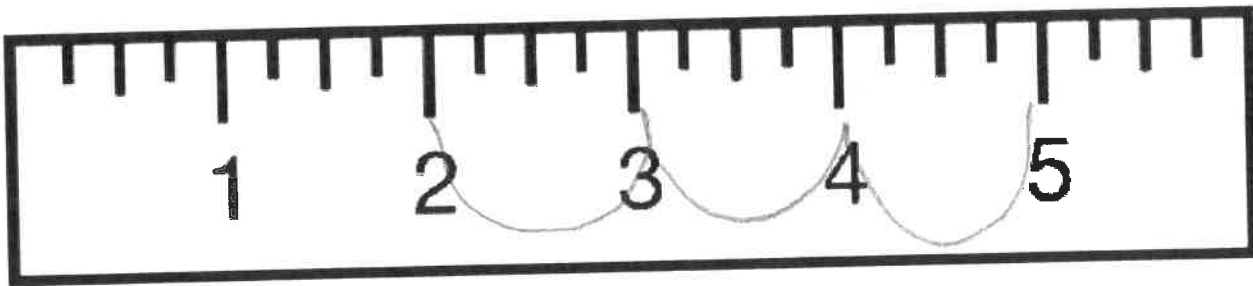
What could have been done to make measuring the fish easier?

Discussion Question 1:

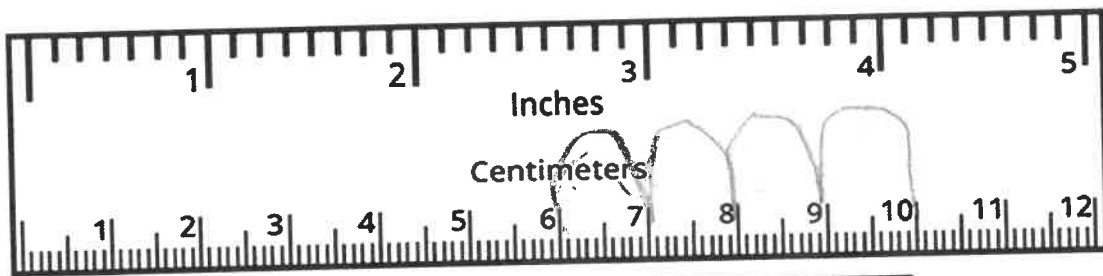
How many inches long is this pencil?



3 in



How many centimeters long is this ChapStick?

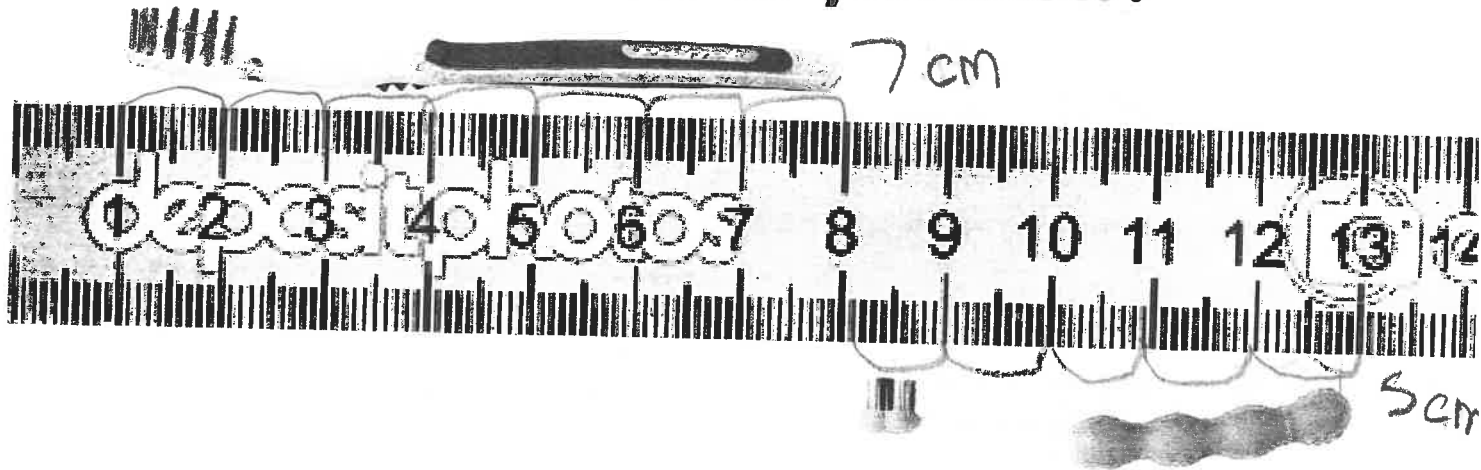


4 cm

Discussion Question 2:

The unit on the ruler is centimeters.

Which toothbrush is longer, the top or the bottom? How do you know?



The top toothbrush is longer because

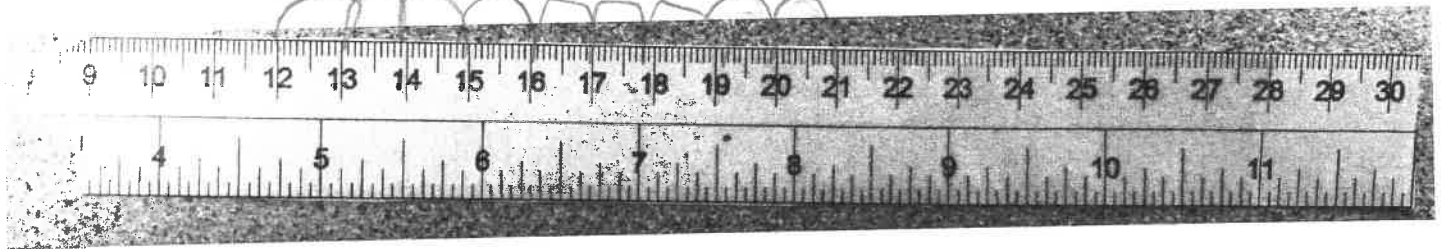
Name: _____

Exit Ticket

Jasmine is measuring her spork. She lines up her ruler and says the spork is 21 cm. Do you agree with Jasmine's measurement? Explain your thinking, and what the correct answer should be.



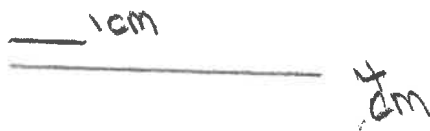
9 cm



Name: _____

Independent Review

1. Draw a line that is one centimeter long. Draw a second line that is 4 cm. Label both lines.



2. Circle the estimates of measurement that makes the most sense for the items below:

- The height of Ms. Dosky
a) 13 inches b) 5 feet c) 5 miles d) 1 meter
- The length of a cafeteria table
a) 12 centimeters b) 6 yards c) 9 miles d) 6 inches
- The distance from Boston to Providence ^{city}
a) 1 meter b) 5 feet c) 55 miles d) 50 inches

2. Write a number story that matches this number sentence $3 \times 8 = ?$ Then, draw a model to match the problem and solve.

There are 3 rulers. Each ruler is 8 inches long. How many inches are there?

$$\begin{aligned} &8 + 8 + 8 = \\ &\checkmark \\ &16 + 8 = 24 \\ &\text{inches} \end{aligned}$$

1. Solve for the missing variables:

357

Handwritten addition on a blue sticky note:

$$\begin{array}{r} 357 \\ + 118 \\ \hline 475 \\ \hline 475 \end{array}$$

$739 - 118$

$? = 106 + 404$

$$\begin{array}{r} 404 \\ + 106 \\ \hline 510 \end{array}$$

library. On Saturday 345 were checked out. How many books were there on Friday?

$$\begin{array}{r} 612 \\ - 345 \\ \hline 267 \end{array}$$

367 books

6. John had 9 boxes of crayons. In each box there were 6 crayons. How many crayons were there in all?

$9 \times 6 = ?$

Handwritten work for problem 6:

$$6 + 6 + 6 + 6 = 24 + 6 + 6 + 6 + 6$$

$$30 + 24 = 54 \text{ crayons}$$

7. Ms. Brysh was handing out books to the classrooms. One room got 13 books, two rooms got 28 books, and the last room got 7 books. How many books did Ms. Brysh hand out in all?

76 books

$$\begin{array}{r} 13 \\ + 7 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 28 \\ + 28 \\ \hline 48 \end{array}$$

$$\begin{array}{r} 48 \\ + 28 \\ \hline 76 \end{array}$$

8. A farmer has 4 fields. There are 38 rows of corn in the first field and 18 rows of corn in the second field. The third and fourth field both have 13 rows of corn. How many rows of corn are there in all?

82
rows

$$\begin{array}{r} 38 \\ + 18 \\ \hline 56 \end{array}$$

$$\begin{array}{r} 56 \\ 26 \\ \hline 82 \end{array}$$

W.A.M.

True or false? Explain your thinking.

If you measure a pencil in inches, and then centimeters, you will get the same number for both units.

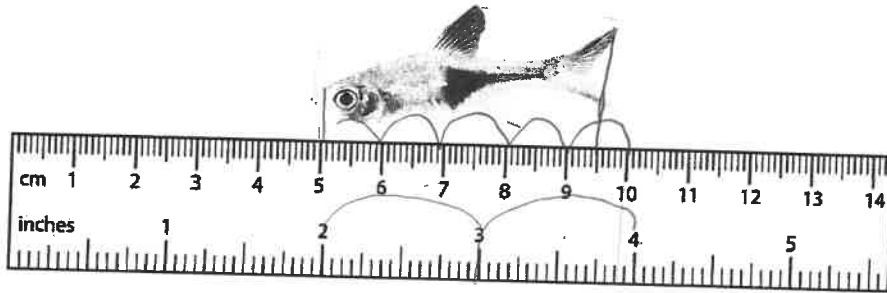
you will not get the same thing
because inches are more than cm
also this is false

Scholar: Zaria

Date: 4/7/19

Problem Solving Task

How many centimeters long is the fish?



5 cm

Explain how you figured it out.

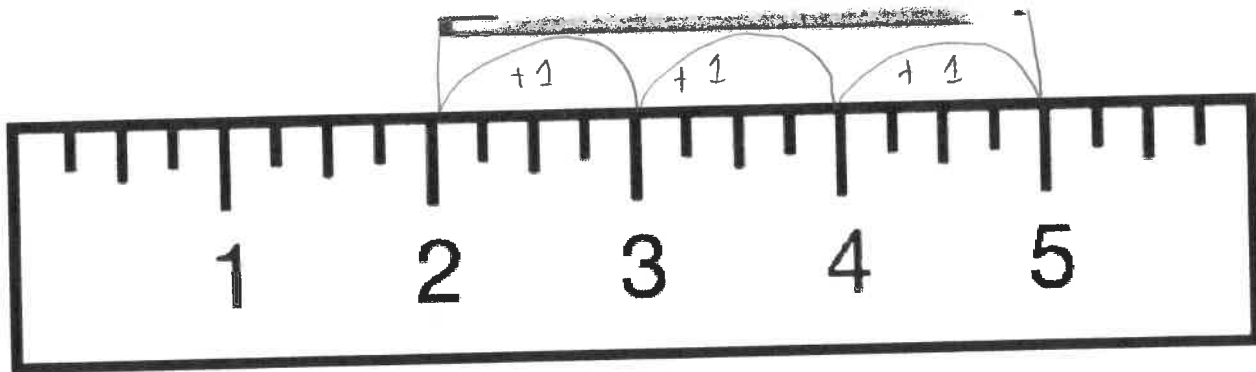
I figured this out because since the fish started at the five it would still be five cm long because it would end at the ten because we skipped

What could have been done to make measuring the fish easier? some number

What could have made this easier is making the fish start at the zero.

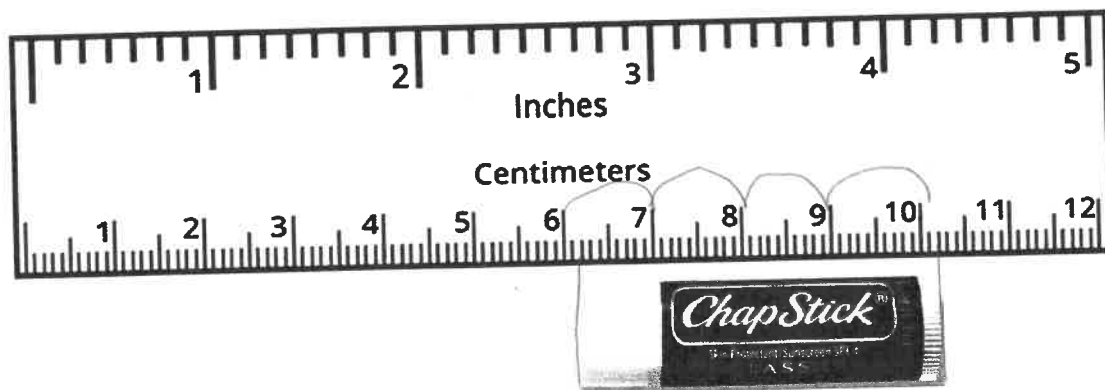
Discussion Question 1:

How many inches long is this pencil?



3 inches

How many centimeters long is this ChapStick?

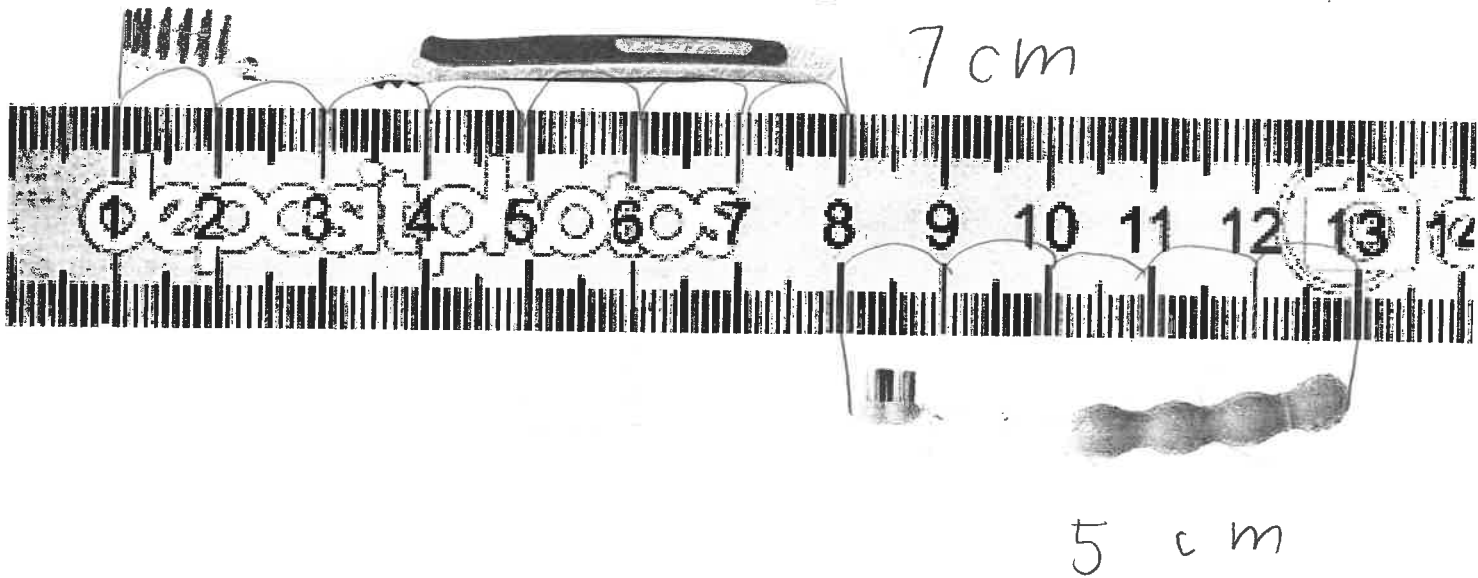


4 cm

Discussion Question 2:

The unit on the ruler is centimeters.

Which toothbrush is longer, the top or the bottom? How do you know?

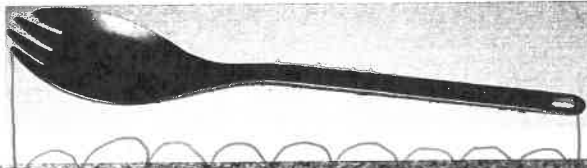


The top toothbrush is longer because it is 7 cm and the bottom toothbrush is 5 cm. 7 is more value than 5.

Name: _____

Exit Ticket

Jasmine is measuring her spork. She lines up her ruler and says the spork is 21 cm. Do you agree with Jasmine's measurement? Explain your thinking, and what the correct answer should be.



9 cm

Name: _____

Independent Review

1. Draw a line that is one centimeter long. Draw a second line that is 4 cm. Label both lines.

1 cm

4 cm

2. Circle the estimates of measurement that makes the most sense for the items below:

- The height of Ms. Dosky
a) 13 inches **b) 5 feet** c) 5 miles d) 1 meter
- The length of a cafeteria table
a) 12 centimeters **b) 6 yards** c) 9 miles d) 6 inches
- The distance from Boston to Providence
a) 1 meter b) 5 feet **c) 55 miles** d) 50 inches

2. Write a number story that matches this number sentence $3 \times 8 = ?$ Then, draw a model to match the problem and solve.

I have 3 boxes. Each box
has 8 hats in it. How many
hats do I have.

4. Solve for the missing variables:

$$357 = B - 118$$

$$\begin{array}{r} 357 \\ + 118 \\ \hline 475 \end{array}$$

$$? = 106 + 404$$

$$\begin{array}{r} 404 \\ + 106 \\ \hline 510 \end{array}$$

5. There were 712 books in the library. On Saturday 345 were checked out. How many books were left in the library?

$$\begin{array}{r} 712 \\ - 345 \\ \hline 367 \end{array}$$

367
books

6. John had 9 boxes of crayons. In each box there were 6 crayons. How many crayons were there in all?

$$\frac{6}{1}, \frac{12}{2}, \frac{18}{3}, \frac{24}{4}, \frac{30}{5}, \frac{36}{6}, \frac{42}{7}, \frac{48}{8}, \frac{54}{9}$$

54 crayons

7. Ms. Brysh was handing out books to the classrooms. One room got 13 books, two rooms got 28 books, and the last room got 7 books. How many books did Ms. Brysh hand out in all?

$$\begin{array}{r} 28 \\ + 28 \\ \hline 56 \end{array}$$

$$\begin{array}{r} 13 \\ + 7 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 56 \\ + 20 \\ \hline 76 \end{array}$$

76
books

8. A farmer has 4 fields. There are ~~38~~ rows of corn in the first field and ~~18~~ rows of corn in the second field. The third and fourth field both have 13 rows of corn. How many rows of corn are there in all?

$$\begin{array}{r} 38 \\ + 18 \\ \hline 56 \end{array}$$

$$\begin{array}{r} 13 \\ + 13 \\ \hline 26 \end{array}$$

$$\begin{array}{r} 56 \\ + 26 \\ \hline 82 \end{array}$$

82
rows of corn.

W.A.M.

True or false? Explain your thinking.

If you measure a pencil in inches, and then centimeters, you will get the same number for both units.

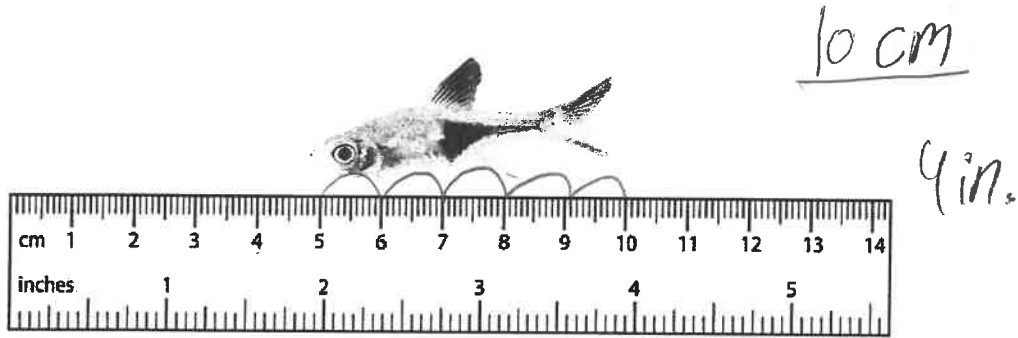
You will not get the same answer because they are different units measuring the same distance.

Scholar: Salome O

Date: _____

Problem Solving Task

How many centimeters long is the fish?



Explain how you figured it out.

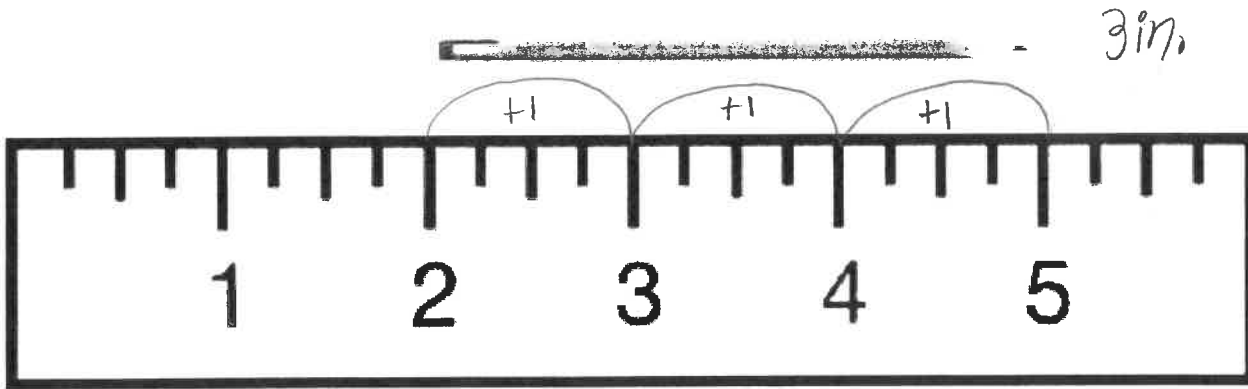
I figured it out by where the end of the fishes tail and I got 10 cm.

What could have been done to make measuring the fish easier?

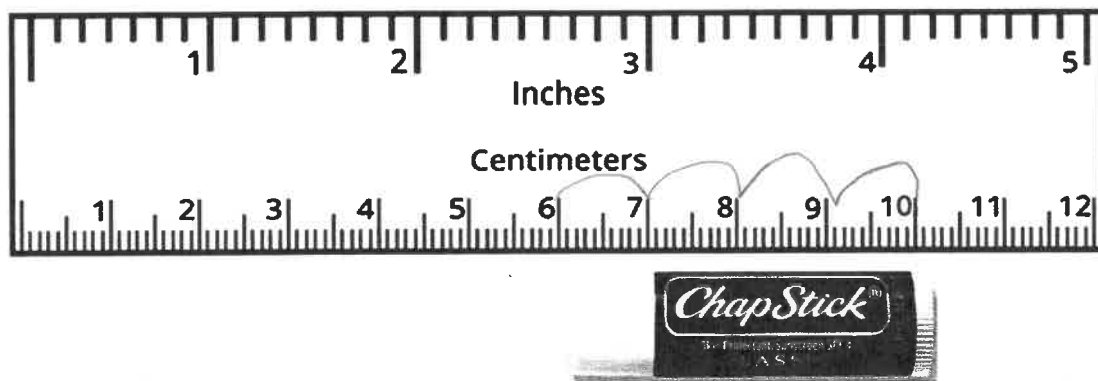
Something that could make the fish easier to measure would be if the fish started at 0 it would be easier.

Discussion Question 1:

How many inches long is this pencil?



How many centimeters long is this ChapStick?

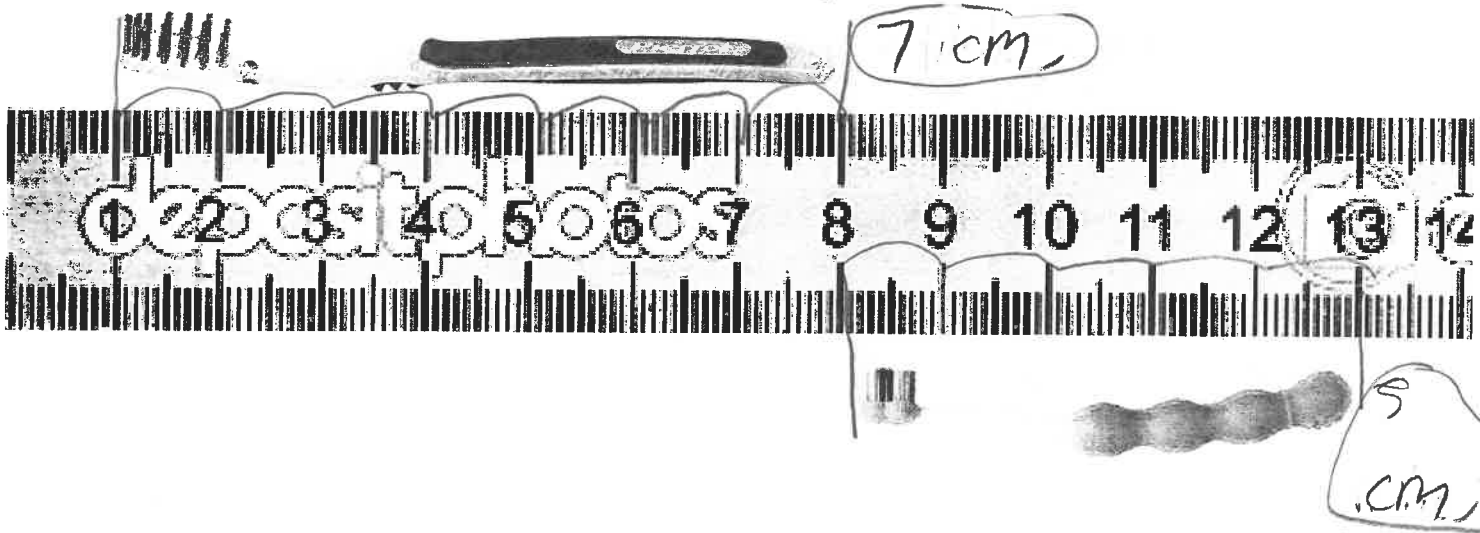


$$6 + 4 = 10$$
$$10 - 6 = 4$$

Discussion Question 2:

The unit on the ruler is centimeters.

Which toothbrush is longer, the top or the bottom? How do you know?



The tooth brush on the top
because the top is 7 cm, and
on the bottom tooth brush is 5
cm so the tooth brush in the
top is longer.

Name: _____

Exit Ticket

Jasmine is measuring her spork. She lines up her ruler and says the spork is 21 cm. Do you agree with Jasmine's measurement? Explain your thinking, and what the correct answer should be.



I agree because I lined up the spork and it started at 12 and it ended at 21.

Name: _____

Independent Review

- ✓ 1. Draw a line that is one centimeter long. Draw a second line that is 4 cm. Label both lines.

— 1cm long

————— 4cm

2. Circle the estimates of measurement that makes the most sense for the items below:

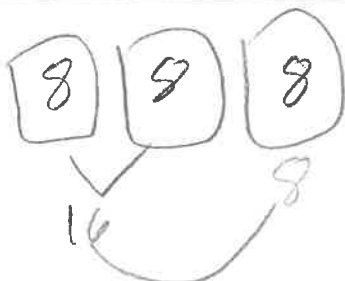
- ✓ • The height of Ms. Dosky
a) 13 inches 5 feet c) 5 miles d) 1 meter

- ✓ • The length of a cafeteria table
a) 12 centimeters 6 yards c) 9 miles d) 6 inches

- ✓ • The distance from Boston to Providence
a) 1 meter b) 5 feet 55 miles d) 50 inches

- ✓ 2. Write a number story that matches this number sentence $3 \times 8 = ?$ Then, draw a model to match the problem and solve.

There are 3 tanks. In each tank there is 8 eggs of baby rabbits. How many eggs of baby rabbits are there?



24 eggs of rabbits

4. Solve for the missing variables:

$$357 = B - 118$$

$$? = 106 + 404$$

$$\begin{array}{r}
 + \quad \overset{1}{3}57 \\
 \quad 118 \\
 \hline
 \quad 475
 \end{array}
 \quad B = \underline{475}$$

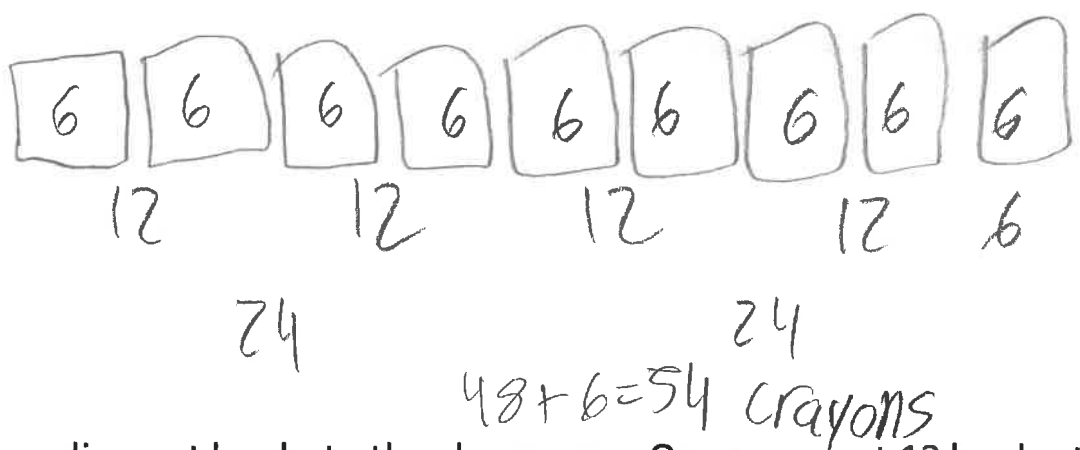
$$\begin{array}{r}
 + \quad 106 \\
 \quad 404 \\
 \hline
 \quad 510
 \end{array}
 \quad ? = \underline{510}$$

5. There were 712 books in the library. On Saturday 345 were checked out. How many books were left in the library?

$$\begin{array}{r}
 \overset{6}{7}12 \\
 - \quad 345 \\
 \hline
 \quad 367
 \end{array}$$

367 were left.

6. John had 9 boxes of crayons. In each box there were 6 crayons. How many crayons were there in all?



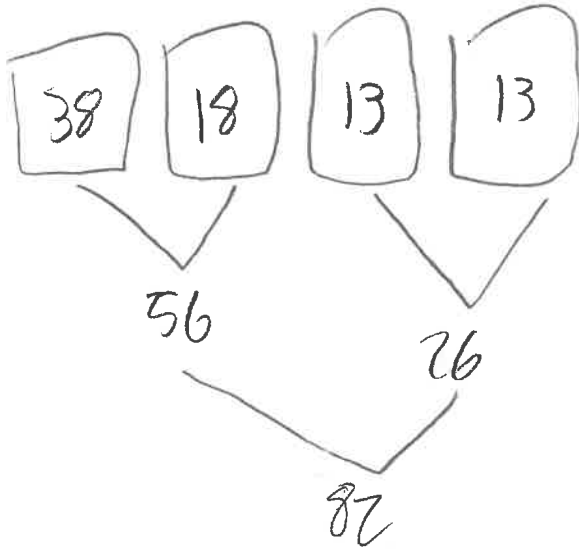
7. Ms. Brysh was handing out books to the classrooms. One room got 13 books, two rooms got 28 books, and the last room got 7 books. How many books did Ms. Brysh hand out in all?

$$13 + 28 + 28 + 7 = ?$$

56
 69
 76

$? = \underline{76 \text{ books}}$

8. A farmer has 4 fields. There are 38 rows of corn in the first field and 18 rows of corn in the second field. The third and fourth field both have 13 rows of corn. How many rows of corn are there in all?



82 rows of corn.

W.A.M.

True or false? Explain your thinking.

If you measure a pencil in inches, and then centimeters, you will get the same number for both units.

false because inches are bigger than cm.

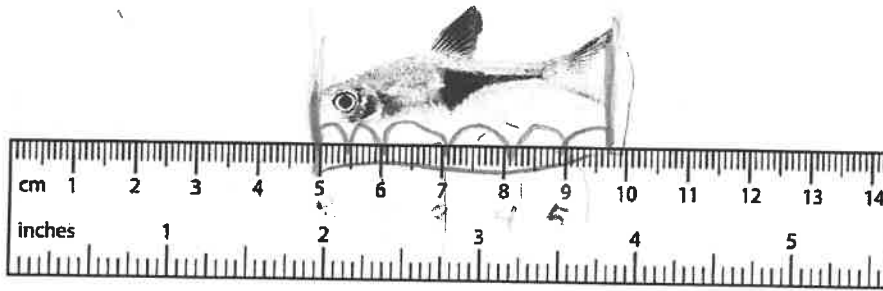
Scholar: Nyqalic

Date: _____

Problem Solving Task

How many centimeters long is the fish?

5 centimeters long



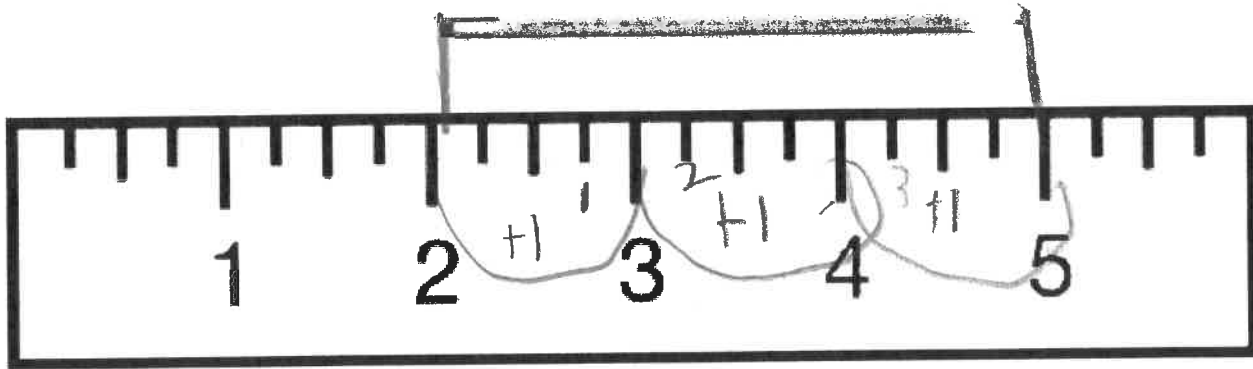
Explain how you figured it out.

What could have been done to make measuring the fish easier?

Discussion Question 1:

How many inches long is this pencil?

3 inches

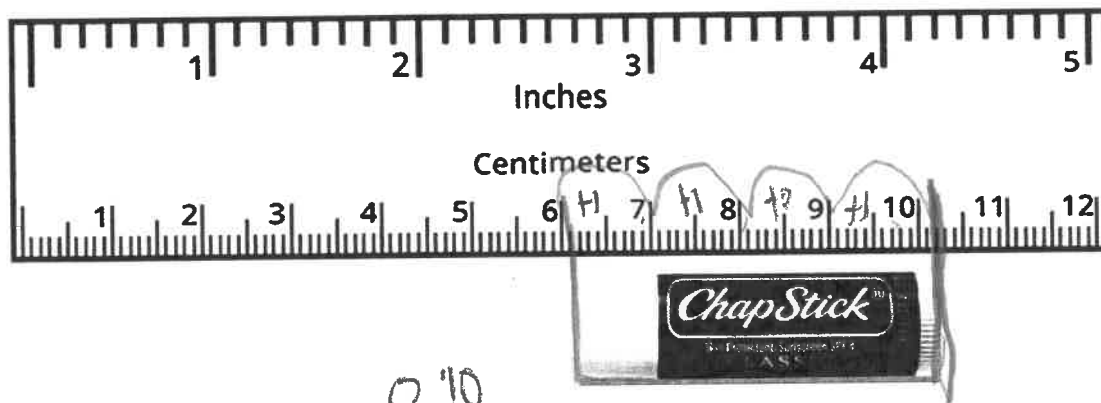


$$\begin{array}{r} 5 \\ -2 \\ \hline 3 \end{array}$$

3

$$5 - 2 = 3$$

How many centimeters long is this ChapStick?



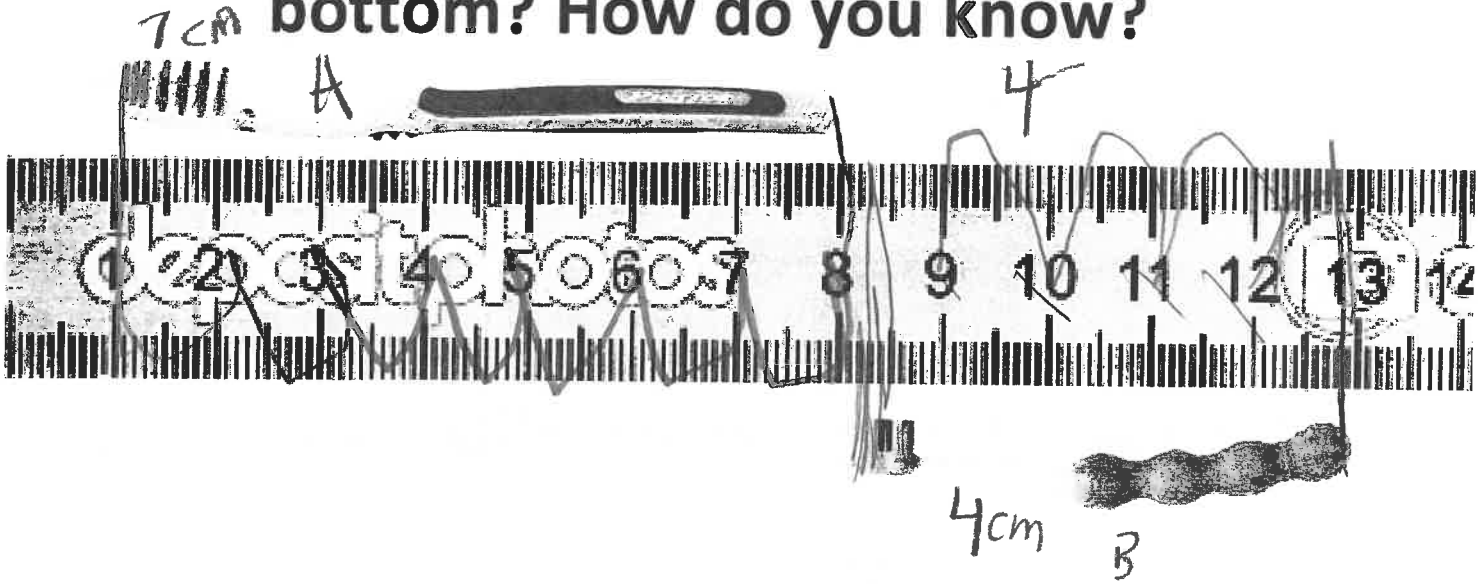
$$\begin{array}{r} 10 \\ -6 \\ \hline 4 \end{array}$$

4 cm

Discussion Question 2:

The unit on the ruler is centimeters.

Which toothbrush is longer, the top or the bottom? How do you know?

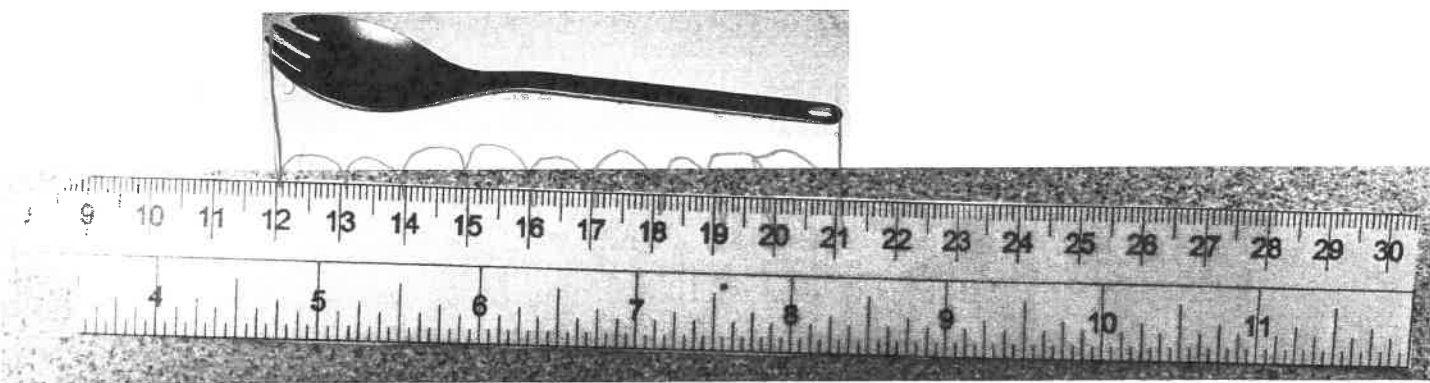


The top

Name: _____

Exit Ticket

Jasmine is measuring her spork. She lines up her ruler and says the spork is 21 cm. Do you agree with Jasmine's measurement? Explain your thinking, and what the correct answer should be.



~~21~~

9 cm

Name: _____

Independent Review

1. Draw a line that is one centimeter long. Draw a second line that is 4 cm. Label both lines.



2. Circle the estimates of measurement that makes the most sense for the items below:

- The height of Ms. Dosky
a) 13 inches **b) 5 feet** c) 5 miles d) 1 meter
- The length of a cafeteria table
a) 12 centimeters **b) 6 yards** c) 9 miles d) 6 inches
- The distance from Boston to Providence
a) 1 meter b) 5 feet **c) 55 miles** d) 50 inches

2. Write a number story that matches this number sentence $3 \times 8 = ?$ Then, draw a model to match the problem and solve.

I have 8 baskets.

In each basket there are 3 cookies.

How many cookies are there in all.

4. Solve for the missing variables:

$$\begin{array}{r}
 239 \\
 357 = \cancel{X} - 118 \\
 \hline
 475
 \end{array}$$

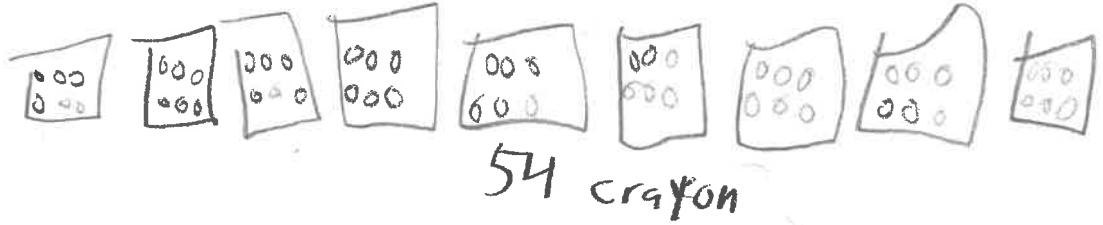
$$\begin{array}{r}
 510 \\
 X = 106 + 404 \\
 \hline
 510
 \end{array}$$

5. There were 712 books in the library. On Saturday 345 were checked out. How many books were left in the library?

$$\begin{array}{r}
 712 \\
 - 345 \\
 \hline
 367
 \end{array}$$

367 books

6. John had 9 boxes of crayons. In each box there were 6 crayons. How many crayons were there in all?



7. Ms. Brysh was handing out books to the classrooms. One room got 13 books, two rooms got 28 books, and the last room got 7 books. How many books did Ms. Brysh hand out in all?

$$\begin{array}{r}
 13 \\
 + 7 \\
 \hline
 20
 \end{array}$$

$$\begin{array}{r}
 20 \\
 + 28 \\
 \hline
 48
 \end{array}$$

$$\begin{array}{r}
 48 \\
 + 28 \\
 \hline
 76
 \end{array}$$

~~48 books~~
76 books

8. A farmer has 4 fields. There are 38 rows of corn in the first field and 18 rows of corn in the second field. The third and fourth field both have 13 rows of corn. How many rows of corn are there in all?

$$\begin{array}{r} 38 \\ + 13 \\ \hline 51 \end{array}$$
$$\begin{array}{r} 18 \\ + 13 \\ \hline 31 \end{array}$$
$$\begin{array}{r} 51 \\ + 31 \\ \hline 82 \end{array}$$

82 rows

W.A.M.

True or false? Explain your thinking.

If you measure a pencil in inches, and then centimeters, you will get the same number for both units.

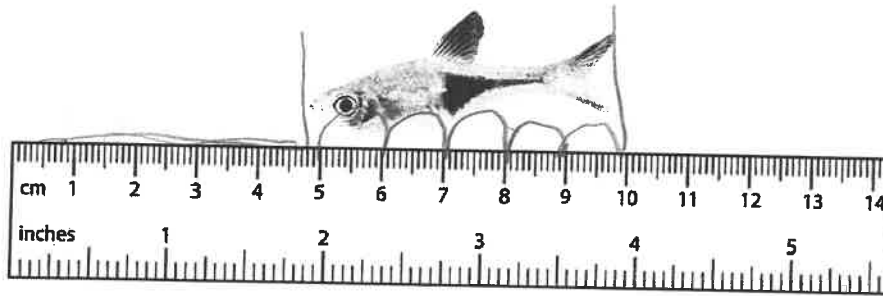
False. There should be more

Scholar : Roman

Date: _____

Problem Solving Task

How many centimeters long is the fish?



5
cm

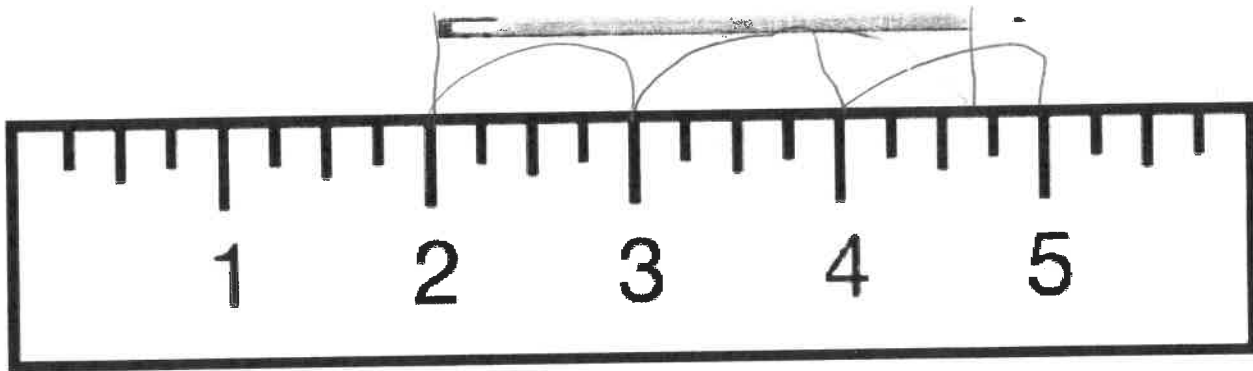
Explain how you figured it out.

I put my pinky to the fish then when I put my pinky the start of cm and it was 5

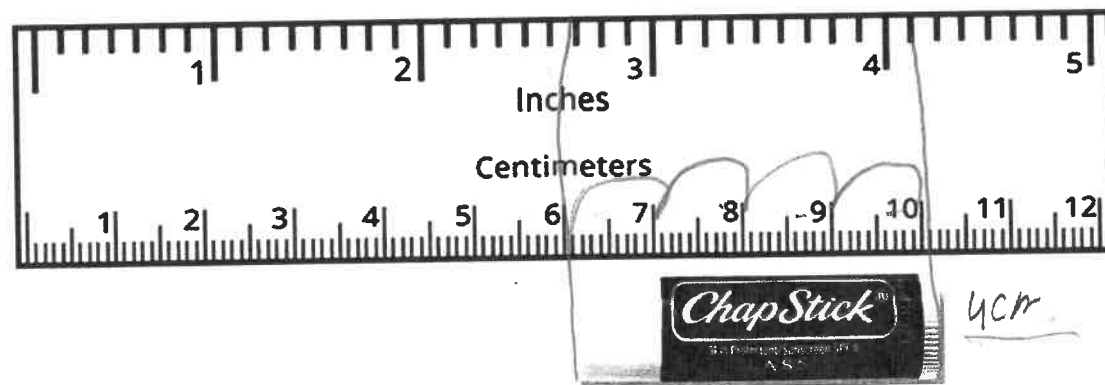
What could have been done to make measuring the fish easier?

Discussion Question 1:

How many inches long is this pencil?



How many centimeters long is this ChapStick?



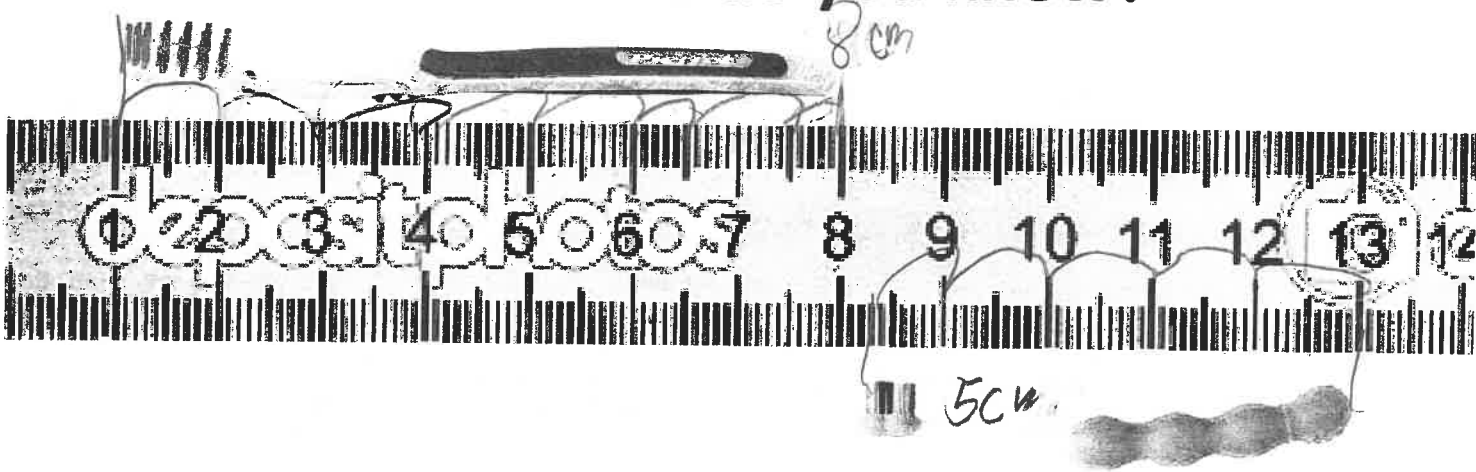
4cm

$4+4=8$
 $8-4=4$
 $4+4=8$
 $8-4=4$

Discussion Question 2:

The unit on the ruler is centimeters.

Which toothbrush is longer, the top or the bottom? How do you know?

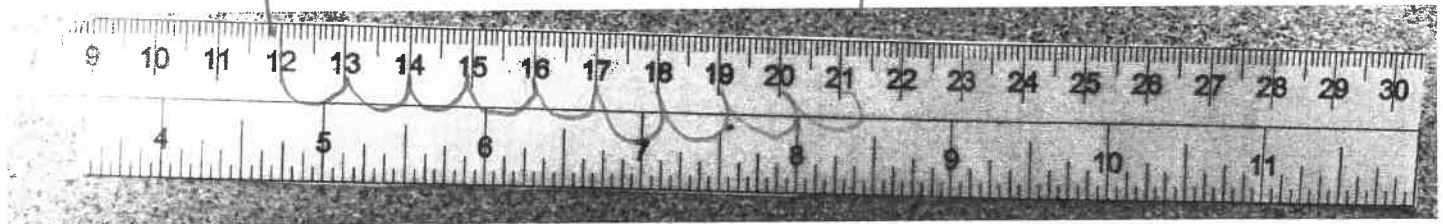


Name: _____

Exit Ticket

Jasmine is measuring her spork. She lines up her ruler and says the spork is 21 cm. Do you agree with Jasmine's measurement? Explain your thinking, and what the correct answer should be.

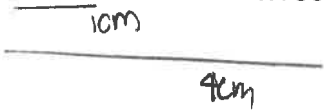
9cm



Name: Roman Perez

Independent Review

1. Draw a line that is one centimeter long. Draw a second line that is 4 cm. Label both lines.



2. Circle the estimates of measurement that makes the most sense for the items below:

• The height of Ms. Dosky

- a) 13 inches b) 5 feet c) 5 miles d) 1 meter

• The length of a cafeteria table

- a) 12 centimeters b) 6 yards c) 9 miles d) 6 inches

• The distance from Boston to Providence

- a) 1 meter b) 5 feet c) 55 miles d) 50 inches

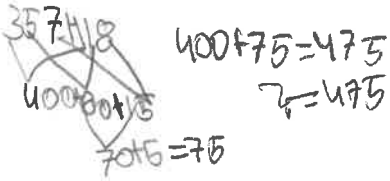
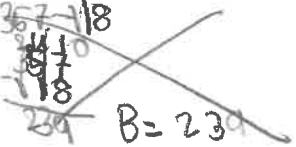
2. Write a number story that matches this number sentence $3 \times 8 = ?$ Then, draw a model to match the problem and solve.

I have 3 house. Each house have 8 people. How many people are in all?

4. Solve for the missing variables:

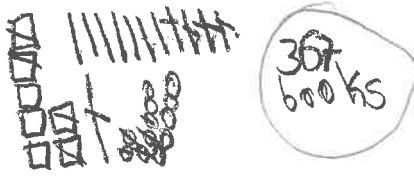
$357 = B - 118$

$? = 106 + 404$



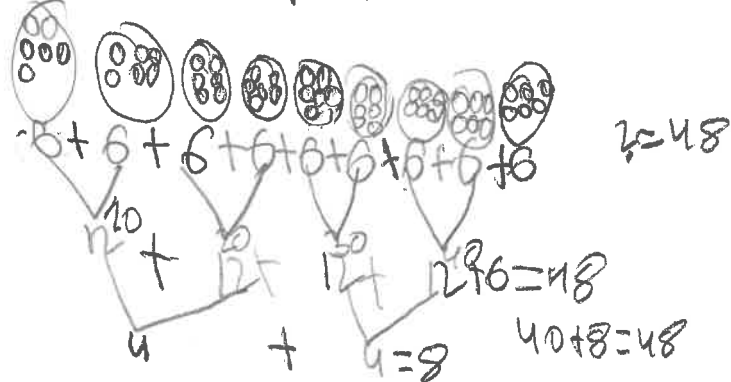
5. There were 712 books in the library. On Saturday 345 were checked out. How many books were left in the library?

$712 - 345$



6. John had 9 boxes of crayons. In each box there were 6 crayons. How many crayons were there in all?

$9 \times 6 = ?$



7. Ms. Brysh was handing out books to the classrooms. One room got 13 books, two rooms got 28 books, and the last room got 7 books. How many books did Ms. Brysh hand out in all?



8. A farmer has 4 fields. There are 38 rows of corn in the first field and 18 rows of corn in the second field. The third and fourth field both have 13 rows of corn. How many rows of corn are there in all?

W.A.M.

True or false? Explain your thinking.

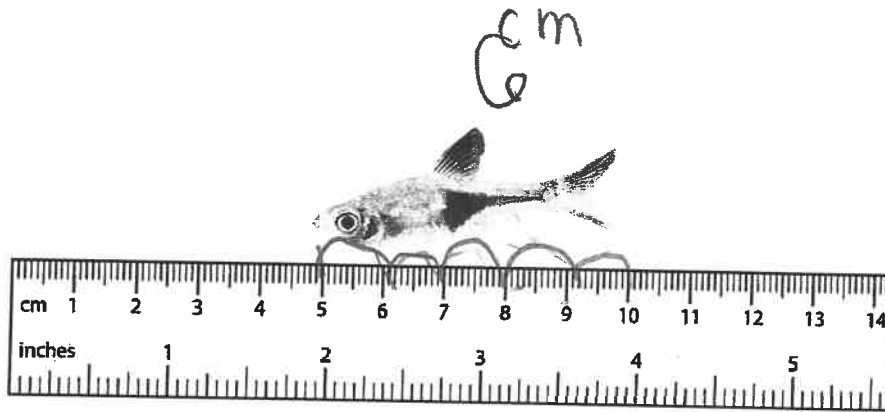
If you measure a pencil in inches, and then centimeters, you will get the same number for both units.

Scholar: Faith

Date: _____

Problem Solving Task

How many centimeters long is the fish?



Explain how you figured it out.

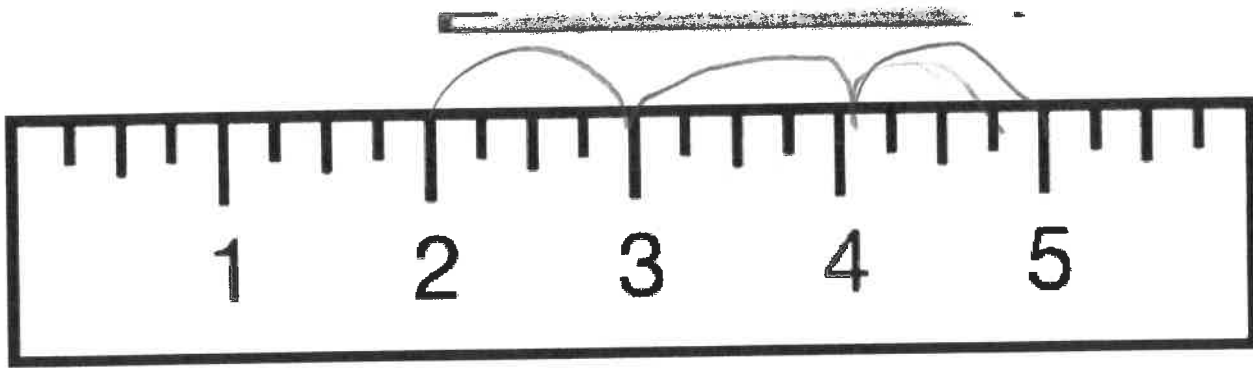
I put my fingers in between
the fish and counten
how many lines are

What could have been done to make measuring the fish easier?

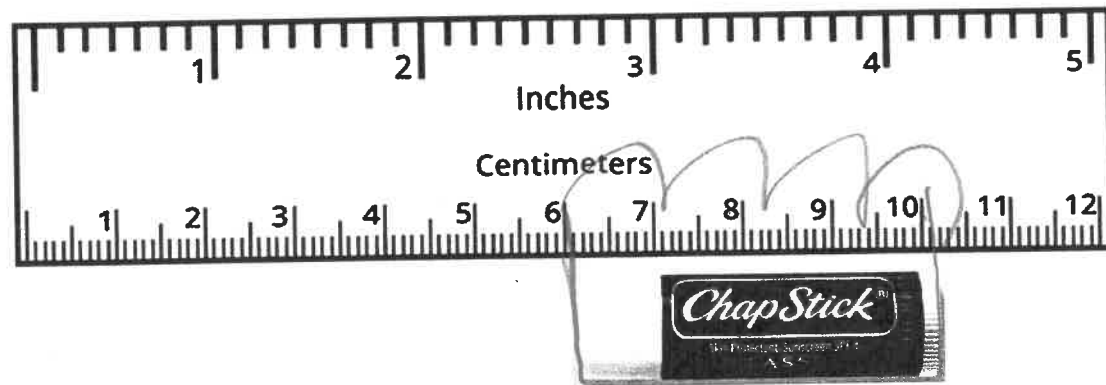
Discussion Question 1:

How many inches long is this pencil?

3 cm



How many centimeters long is this ChapStick?

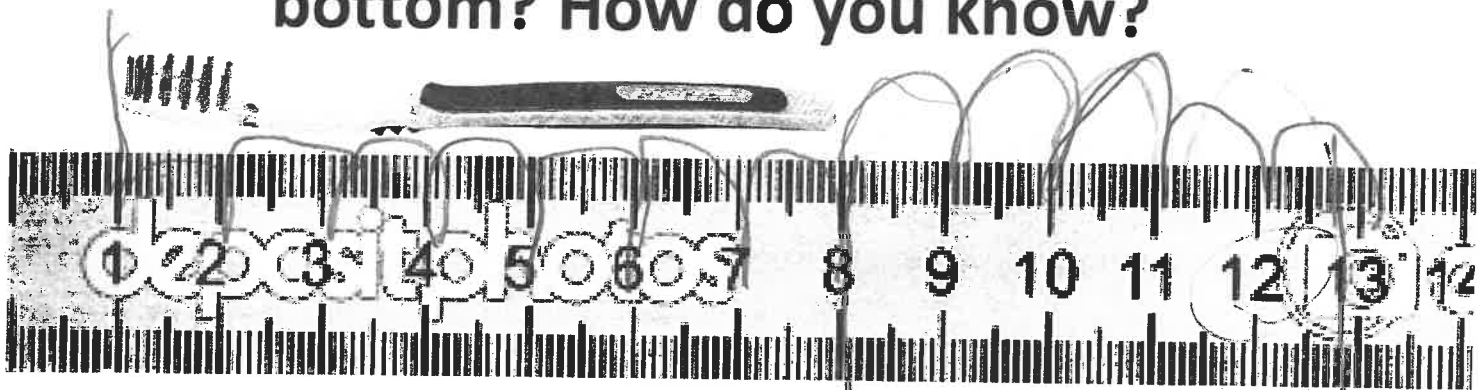


4 cm

Discussion Question 2:

The unit on the ruler is centimeters.

Which toothbrush is longer, the top or the bottom? How do you know?



7 cm

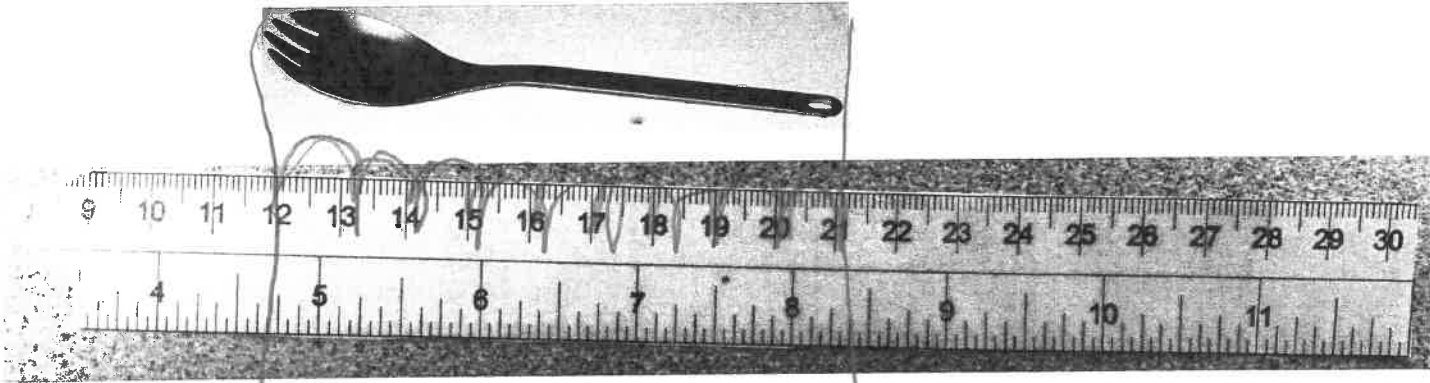
~~4 cm~~
5 cm

I think the top
toothbrush is longer
because

Name: _____

Exit Ticket

Jasmine is measuring her spork. She lines up her ruler and says the spork is 21 cm. Do you agree with Jasmine's measurement? Explain your thinking, and what the correct answer should be.



~~10 cm~~
9 cm

Name: _____

Independent Review

1. Draw a line that is one centimeter long. Draw a second line that is 4 cm. Label both lines.

1 cm
4 cm

2. Circle the estimates of measurement that makes the most sense for the items below:

- The height of Ms. Dosky
a) 13 inches b) 5 feet c) 5 miles d) 1 meter
- The length of a cafeteria table
a) 12 centimeters b) 6 yards c) 9 miles d) 6 inches
- The distance from Boston to Providence
a) 1 meter b) 5 feet c) 55 miles d) 50 inches

2. Write a number story that matches this number sentence $3 \times 8 = ?$ Then, draw a model to match the problem and solve.

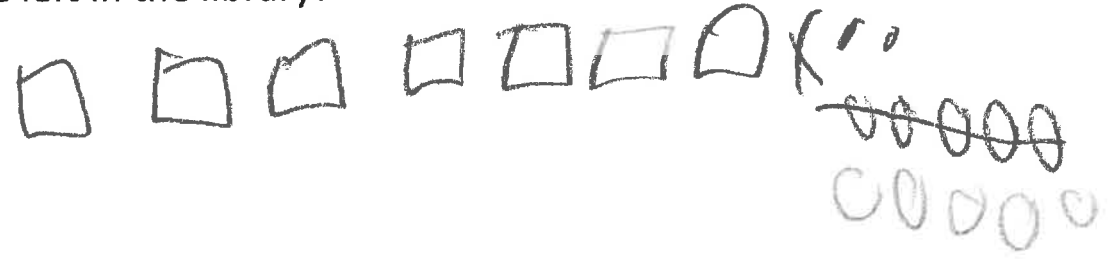
I have 3 boxes.
That have 8 papers in it.
How many papers are in each
box?

4. Solve for the missing variables:

$$357 = B - 118$$

$$? = 106 + 404$$

5. There were 712 books in the library. On Saturday 345 were checked out. How many books were left in the library?



6. John had 9 boxes of crayons. In each box there were 6 crayons. How many crayons were there in all?

7. Ms. Brysh was handing out books to the classrooms. One room got 13 books, two rooms got 28 books, and the last room got 7 books. How many books did Ms. Brysh hand out in all?

8. A farmer has 4 fields. There are 38 rows of corn in the first field and 18 rows of corn in the second field. The third and fourth field both have 13 rows of corn. How many rows of corn are there in all?

W.A.M.

True or false? Explain your thinking.

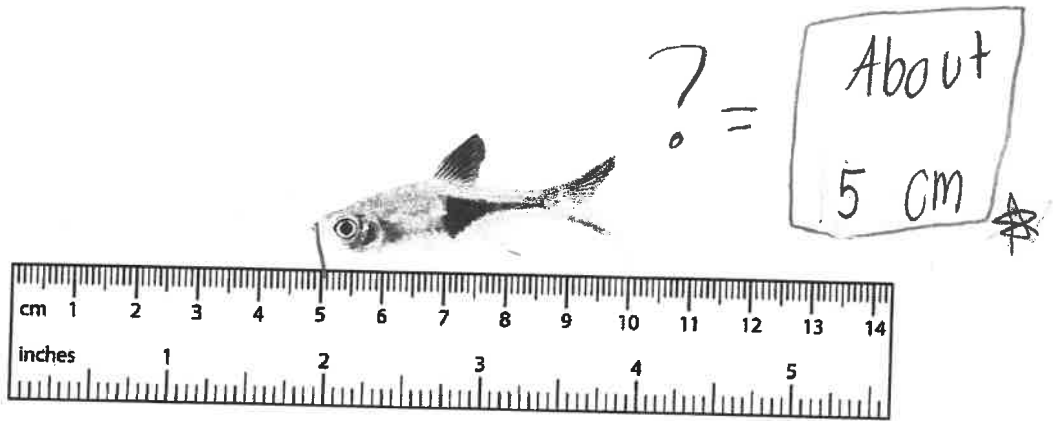
If you measure a pencil in inches, and then centimeters, you will get the same number for both units.

Scholar: Camila

Date: April 1st 2019

Problem Solving Task

How many centimeters long is the fish?



Explain how you figured it out.

how I figured it out was by measuring to the nearest number & I got 5 even though that probably wasn't the correct answer because I estimated.

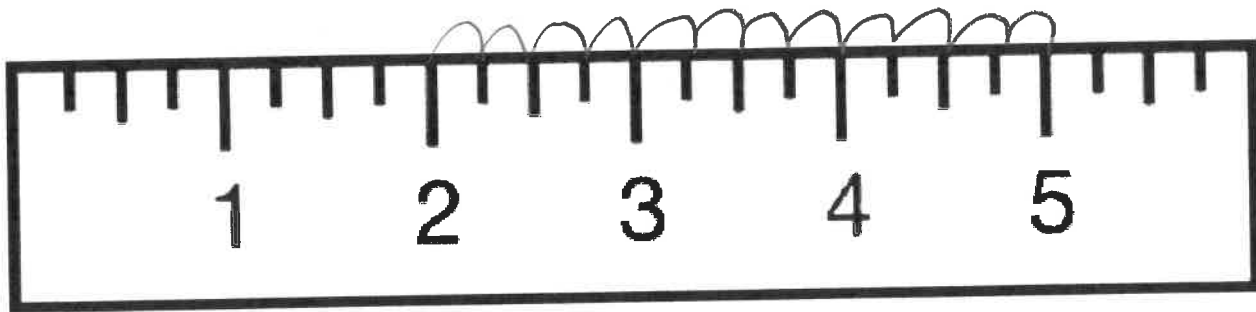
What could have been done to make measuring the fish easier?

What could have been done to measure the fish easier
as to

Discussion Question 1:

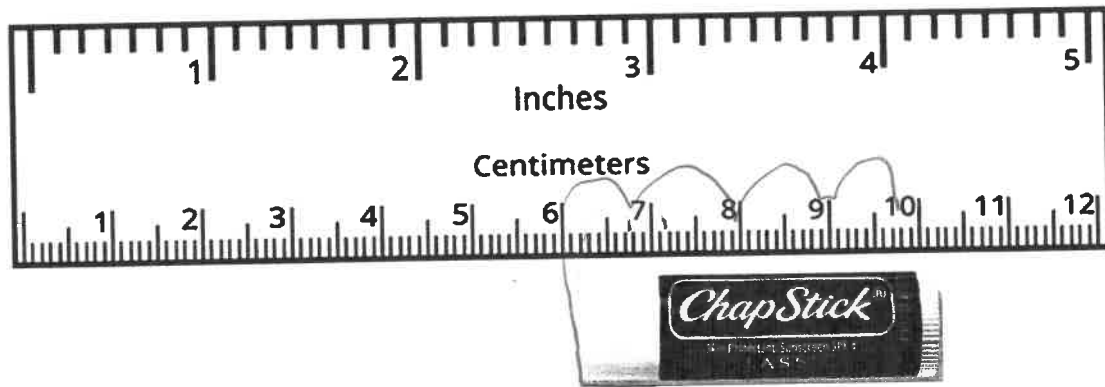
How many inches long is this pencil?

? = 3 inches



How many centimeters long is this ChapStick?

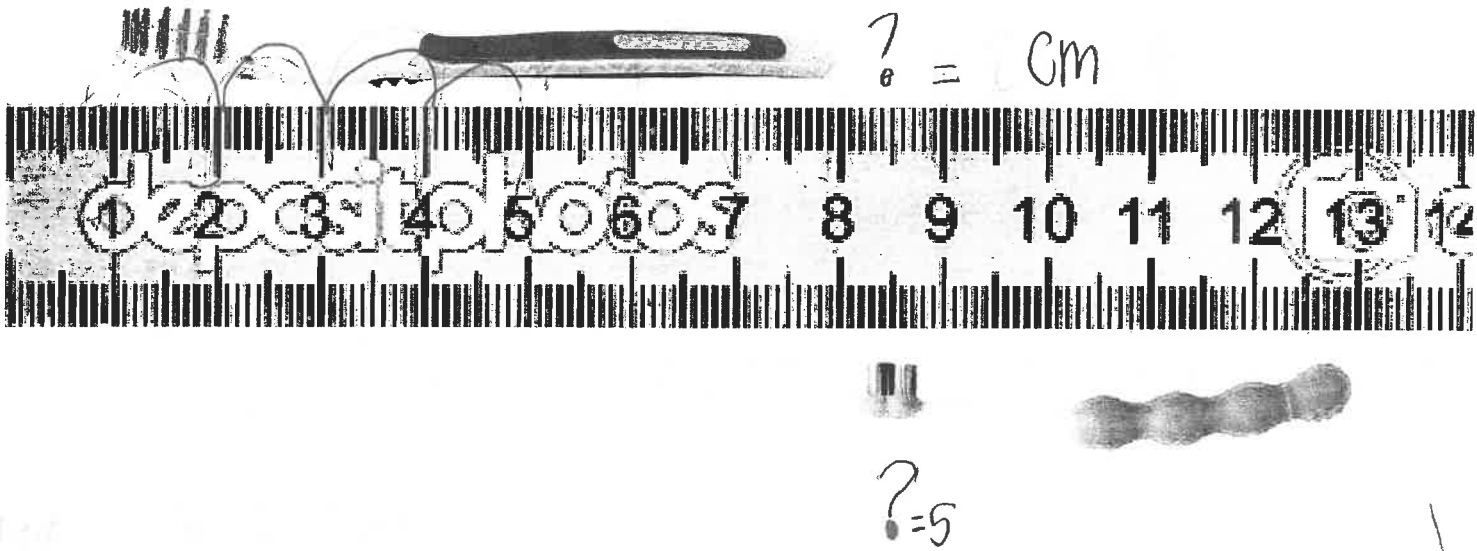
? = 4 cm



Discussion Question 2:

The unit on the ruler is centimeters.

Which toothbrush is longer, the top or the bottom? How do you know?



The toothbrush on the bottom is longer because it

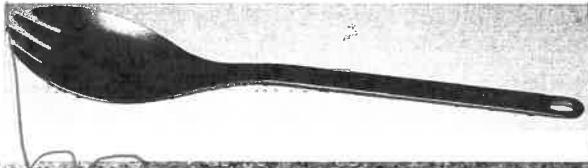
Name: _____

Exit Ticket

Spork

Jasmine is measuring her spork. She lines up her ruler and says the spork is 21 cm. Do you agree with Jasmine's measurement? Explain your thinking, and what the correct answer should be.

? = 9 cm



$$21 - 12 = 9$$

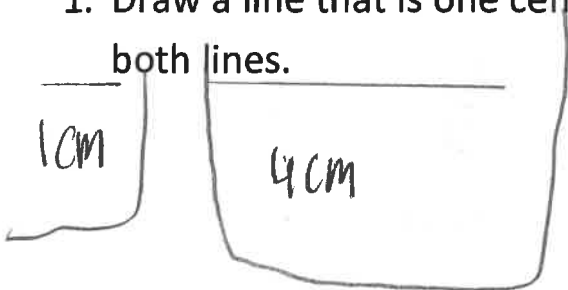
$$\begin{array}{r} 1 \\ 21 \\ - 12 \\ \hline 09 \end{array}$$

$$? = 9 \text{ cm}$$

Name: _____

Independent Review

1. Draw a line that is one centimeter long. Draw a second line that is 4 cm. Label both lines.



2. Circle the estimates of measurement that makes the most sense for the items below:

- The height of Ms. Dosky
a) 13 inches b) 5 feet c) 5 miles d) 1 meter
- The length of a cafeteria table
a) 12 centimeters b) 6 yards c) 9 miles d) 6 inches
- The distance from Boston to Providence
a) 1 meter b) 5 feet c) 55 miles d) 50 inches

2. Write a number story that matches this number sentence $3 \times 8 = ?$ Then, draw a model to match the problem and solve.

I have 3 cakes. Each cake has 8 candles. How many candles do I have?



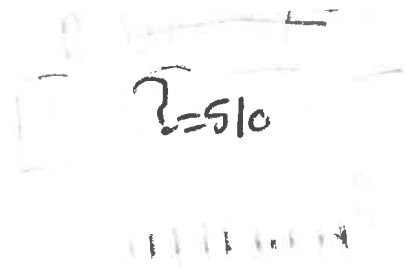
$3 \times 8 = 20$

4. Solve for the missing variables:

$357 = B - 118$

$? = 106 + 404$

$? = 475$



5. There were 712 books in the library. On Saturday 345 were checked out. How many books were left in the library?

$712 - 345 = 367$

? = 367 books

6. John had 9 boxes of crayons. In each box there were 6 crayons. How many crayons were there in all?

$? = 45 \text{ crayons}$

7. Ms. Brysh was handing out books to the classrooms. One room got 13 books, two rooms got 28 books, and the last room got 7 books. How many books did Ms. Brysh hand out in all?

$13 + 28 + 7 = ?$

? = 48 books

$$\begin{array}{r} 13 \\ + 28 \\ \hline 41 \end{array}$$

$$\begin{array}{r} 41 \\ + 7 \\ \hline 48 \end{array}$$

8. A farmer has 4 fields. There are 38 rows of corn in the first field and 18 rows of corn in the second field. The third and fourth field both have 13 rows of corn. How many rows of corn are there in all?

W.A.M.

True or false? Explain your thinking.

If you measure a pencil in inches, and then centimeters, you will get the same number for both units.

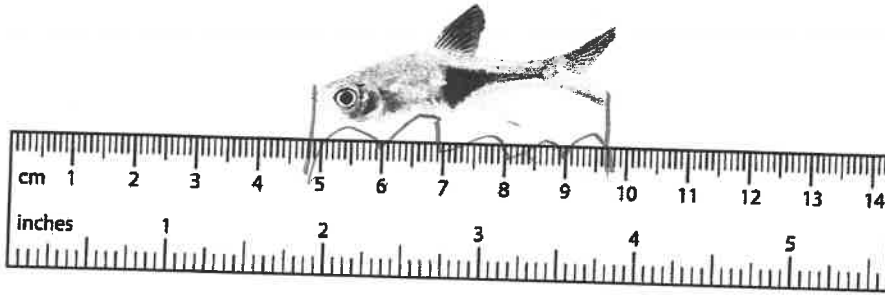
Scholar: Anthony

Date: April 1st 201

Problem Solving Task

How many centimeters long is the fish?

5 cm



Explain how you figured it out.

I wasb the color but caught
Kohly by the cause its not on the side

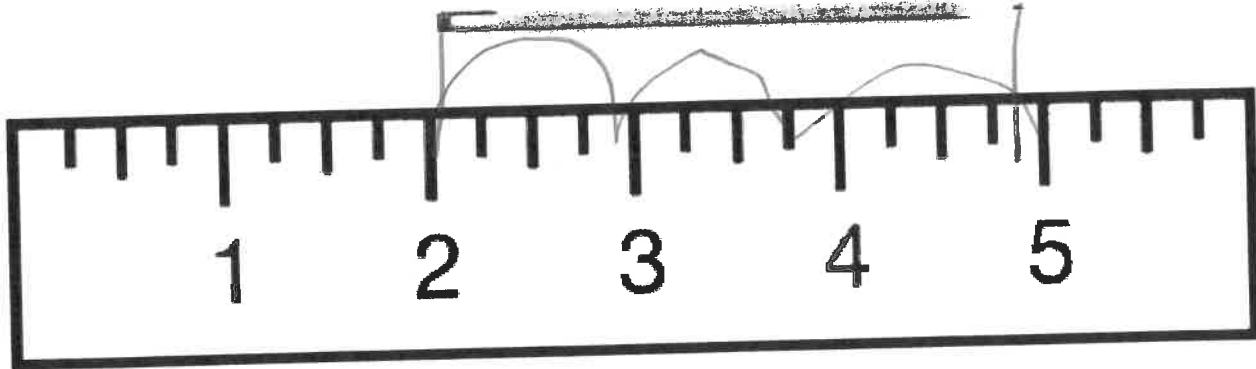
What could have been done to make measuring the fish easier?

you could move it to the
0 on the centimeter side

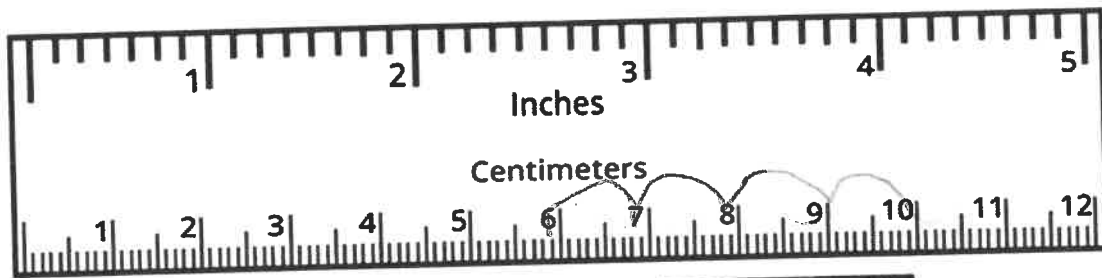
Discussion Question 1:

How many inches long is this pencil?

~~3 in~~ 4 1/2 in



How many centimeters long is this ChapStick?

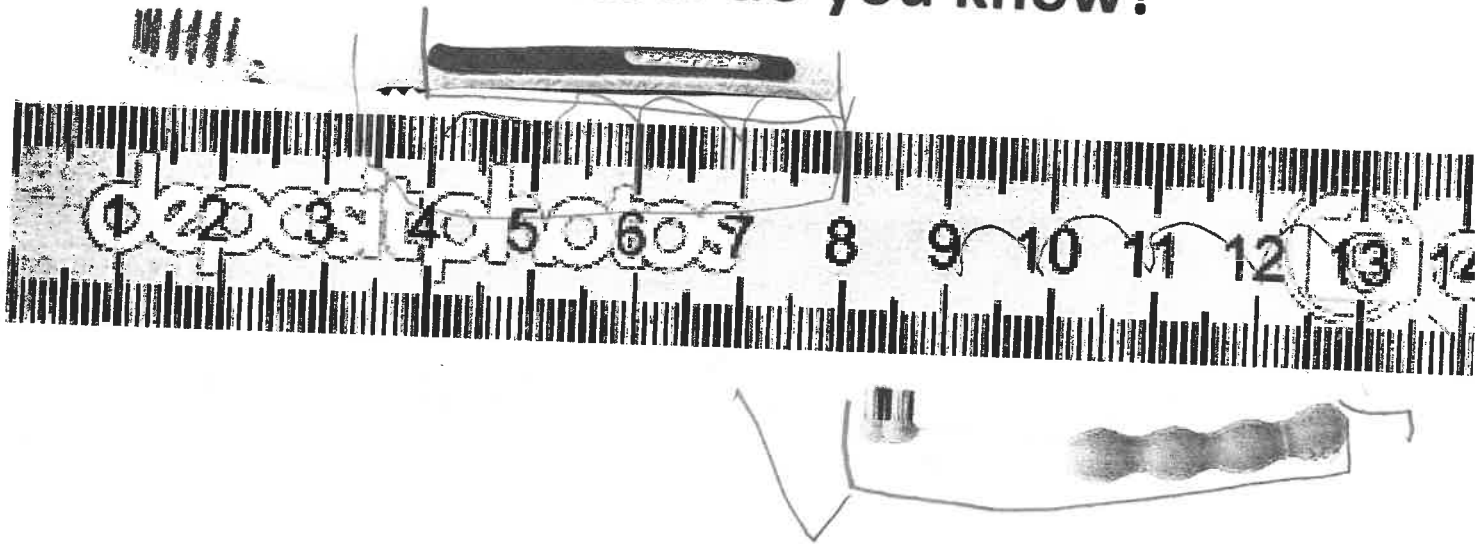


4 cm

Discussion Question 2:

The unit on the ruler is centimeters.

Which toothbrush is longer, the top or the bottom? How do you know?



I think that the second
toothbrush on the top

name: _____

Exit Ticket

Jasmine is measuring her spork. She lines up her ruler and says the spork is 21 cm. Do you agree with Jasmine's measurement? Explain your thinking, and what the correct answer should be.



10 cm

i got 10 cm because
I counted on the
rule.

Name: _____

Independent Review

1. Draw a line that is one centimeter long. Draw a second line that is 4 cm. Label both lines.



2. Circle the estimates of measurement that makes the most sense for the items below:

- The height of Ms. Dosky
a) 13 inches ~~b) 5 feet~~ ✓ c) 5 miles d) 1 meter
- The length of a cafeteria table
~~a) 12 centimeters~~ ~~b) 6 yards~~ ✓ c) 9 miles d) 6 inches
- The distance from Boston to Providence
a) 1 meter b) 5 feet ~~c) 55 miles~~ ✓ d) 50 inches

2. Write a number story that matches this number sentence $3 \times 8 = ?$ Then, draw a model to match the problem and solve.

(24)



There are three bags of cookies
each bag has 8 cookies
how many cookies do I have?

4. Solve for the missing variables:

$$357 = B - 118$$

$$? = 106 + 404$$

Handwritten addition: $175 + 300 = 475$. The numbers are written vertically with a plus sign and an equals sign.

Handwritten equation: 509

5. There were 712 books in the library. On Saturday 345 were checked out. How many books were left in the library?

Handwritten subtraction: $712 - 345$. The numbers are written vertically. To the left, there are several boxes, some of which are shaded or have diagonal lines. Below the subtraction, there are several vertical lines representing a number line or a bar model.

6. John had 9 boxes of crayons. In each box there were 6 crayons. How many crayons were there in all?

Handwritten multiplication: $9 \times 6 = 54$

7. Ms. Brysh was handing out books to the classrooms. One room got 13 books, two rooms got 28 books, and the last room got 7 books. How many books did Ms. Brysh hand out in all?

Handwritten addition: $13 + 28 + 7$. The numbers are written in a circular arrangement, with '13' circled. Below the numbers, there are some scribbles and a plus sign.

8. A farmer has 4 fields. There are 38 rows of corn in the first field and 18 rows of corn in the second field. The third and fourth field both have 13 rows of corn. How many rows of corn are there in all?

20 rows of corn

W.A.M.

True or false? Explain your thinking.

If you measure a pencil in inches, and then centimeters, you will get the same number for both units.

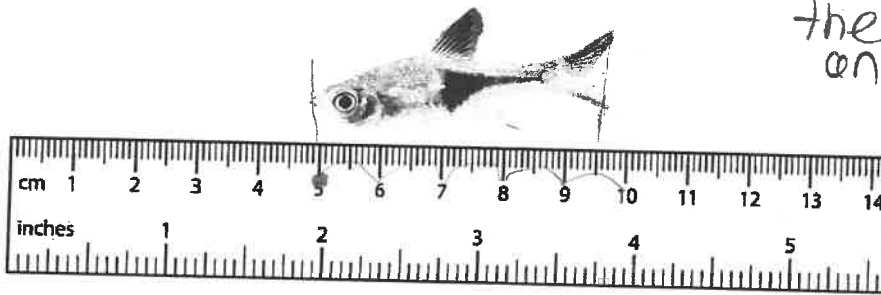
you will get more centimeters because centimeters are smaller

Scholar : Amayan

Date: _____

Problem Solving Task

How many centimeters long is the fish?



the fish is 3
and 5 cm 3.

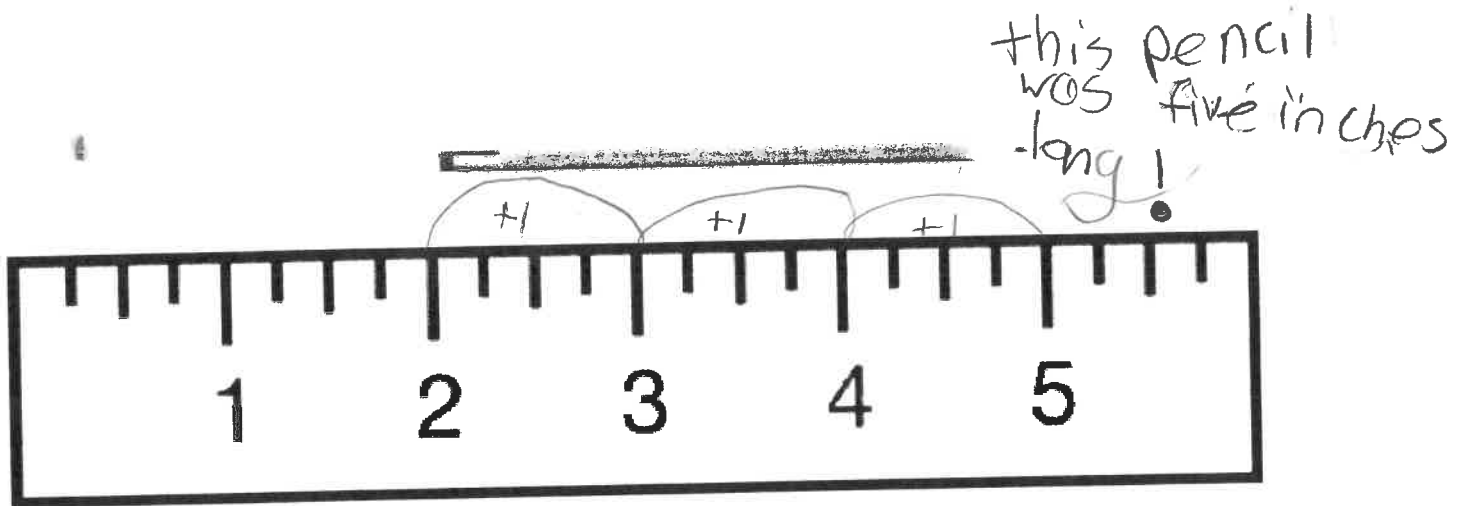
Explain how you figured it out.

I got my answer by measuring the fish with the ruler and finding out that it is 3 and 5 cm long.

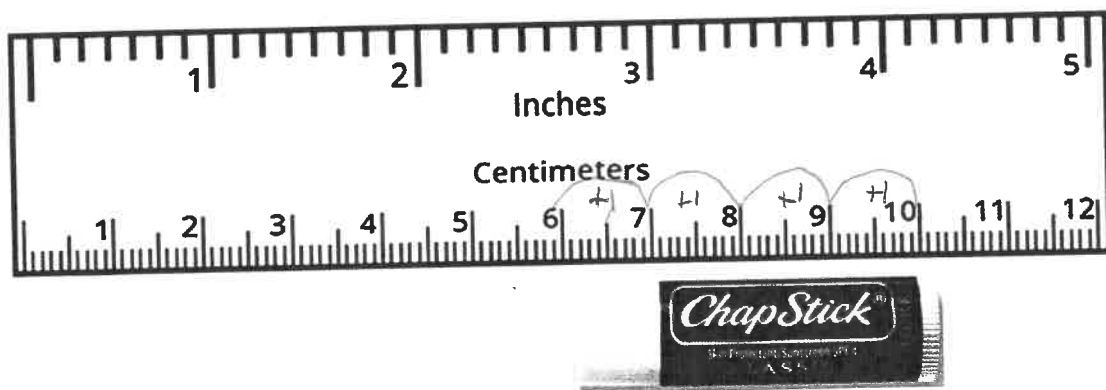
What could have been done to make measuring the fish easier?

Discussion Question 1:

How many inches long is this pencil?



How many centimeters long is this ChapStick?

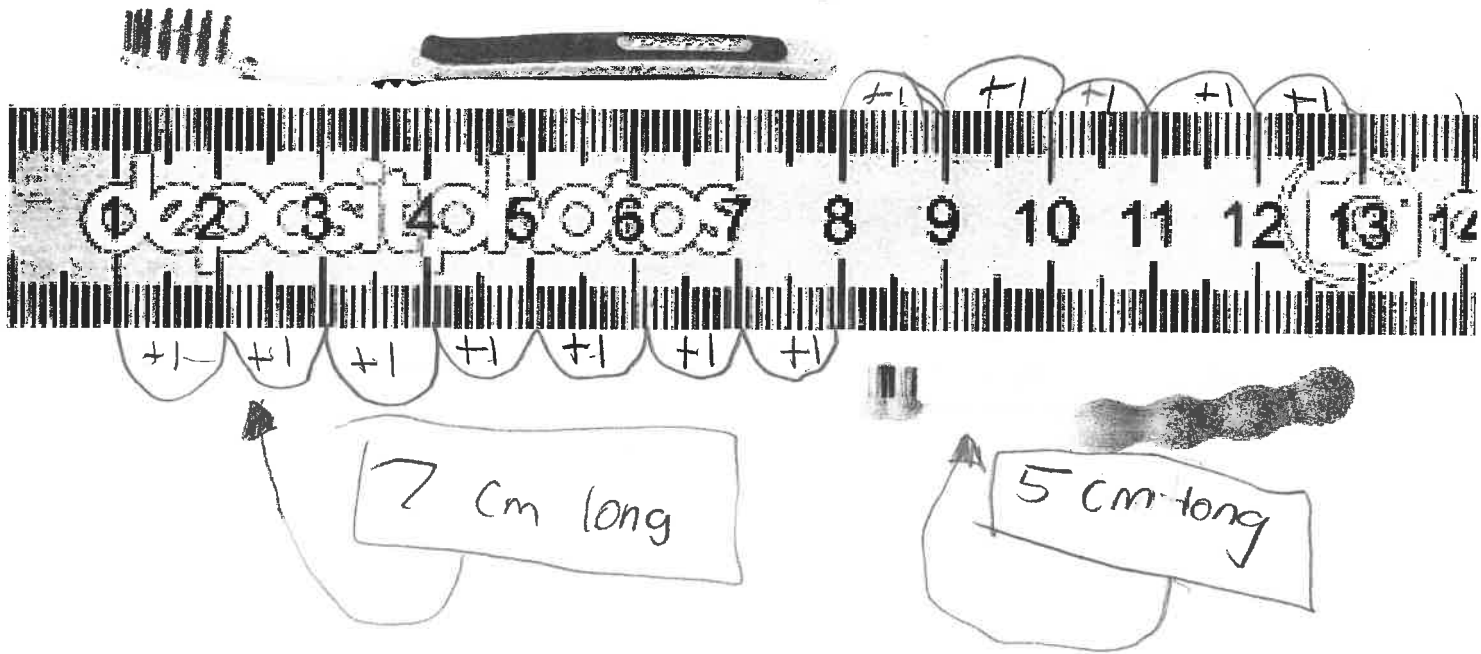


the chap is 4 cm

Discussion Question 2:

The unit on the ruler is centimeters.

Which toothbrush is longer, the top or the bottom? How do you know?

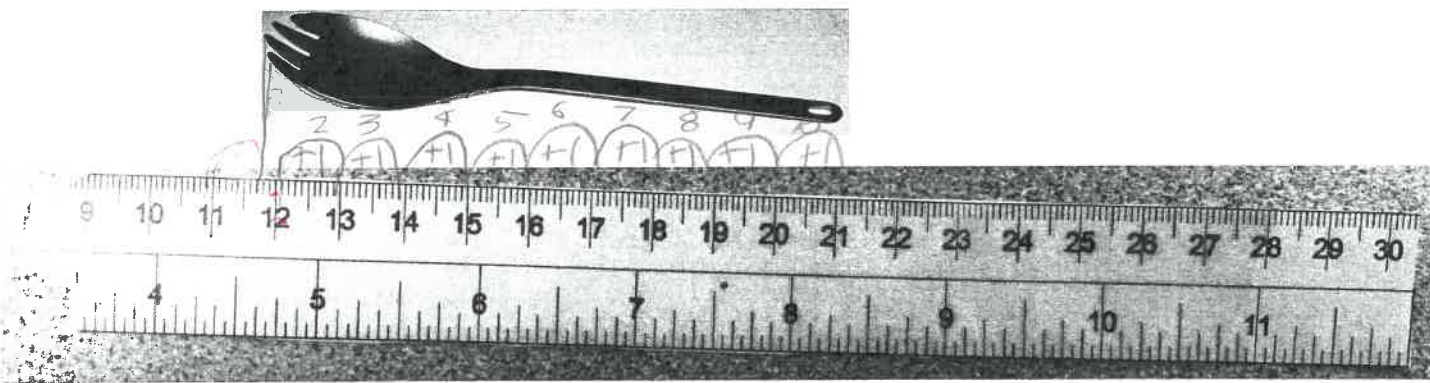


The toothbrush on the top is longer because it is two longer than the one on the bottom. it is 7 centimeters long (top one)

Name: Amayal

Exit Ticket

Jasmine is measuring her spork. She lines up her ruler and says the spork is 21 cm. Do you agree with Jasmine's measurement? Explain your thinking, and what the correct answer should be.



✓ Jasmine is incorrect because the ruler starts at 12 and if the spork can't be number 21 cm to see if that's true. And the spork is 9 cm long.

Name: Amayon

Independent Review

1. Draw a line that is one centimeter long. Draw a second line that is 4 cm. Label both lines.



2. Circle the estimates of measurement that makes the most sense for the items below:

- The height of Ms. Dosky

a) 13 inches

b) 5 feet

c) 5 miles

d) 1 meter

- The length of a cafeteria table

a) 12 centimeters

b) 6 yards

c) 9 miles

d) 6 inches

- The distance from Boston to Providence

a) 1 meter

b) 5 feet

c) 55 miles

d) 50 inches

2. Write a number story that matches this number sentence $3 \times 8 = ?$ Then, draw a model to match the problem and solve.

I can control 3 galaxies each galaxy has 8 planets,
how many planets are there in total

4. Solve for the missing variables:

$$357 = B - 118$$

$$\begin{array}{r} 357 \\ +118 \\ \hline 475 \end{array} \quad B = 475$$

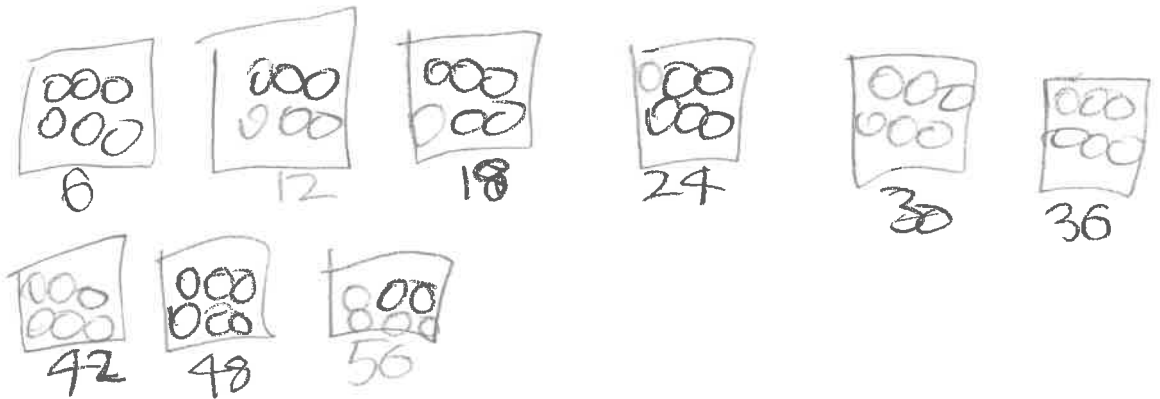
$$? = 106 + 404$$

$$\begin{array}{r} 106 \\ +404 \\ \hline 510 \end{array} \quad 510$$

5. There were 712 books in the library. On Saturday 345 were checked out. How many books were left in the library?

$$\begin{array}{r} 712 \\ -345 \\ \hline 367 \end{array} \quad 367 \text{ books left}$$

6. John had 9 boxes of crayons. In each box there were 6 crayons. How many crayons were there in all?



7. Ms. Brysh was handing out books to the classrooms. One room got 13 books, two rooms got 28 books, and the last room got 7 books. How many books did Ms. Brysh hand out in all?

$$\begin{array}{r} 13 \\ + 7 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 20 \\ +28 \\ \hline 48 \end{array} \quad 48 \text{ books}$$

8. A farmer has 4 fields. There are 38 rows of corn in the first field and 18 rows of corn in the second field. The third and fourth field both have 13 rows of corn. How many rows of corn are there in all?

$$\begin{array}{r} 13 \\ +13 \\ \hline 26 \end{array} \quad \begin{array}{r} 1 \\ 26 \\ +18 \\ \hline 34 \end{array} \quad \begin{array}{r} 1 \\ 38 \\ +34 \\ \hline 72 \end{array}$$

72 rows of corn

W.A.M.

True or false? Explain your thinking.

If you measure a pencil in inches, and then centimeters, you will get the same number for both units.

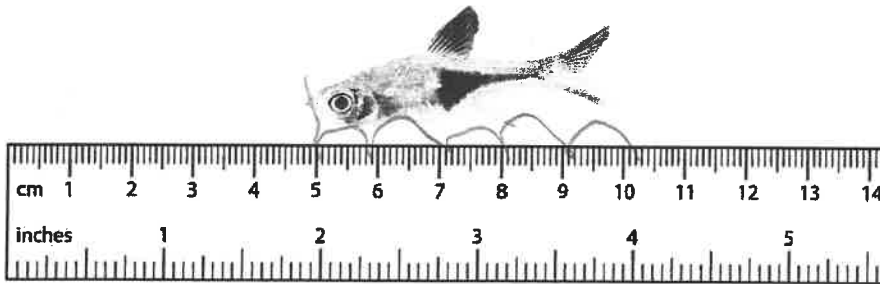
Scholar:

Markbins

Date:

Problem Solving Task

How many centimeters long is the fish?



5 cm

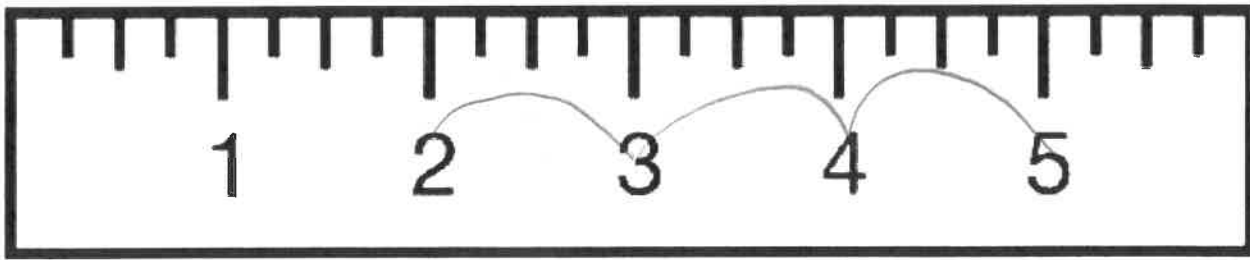
Explain how you figured it out.

I counted at the beginning
then counted to the end.

What could have been done to make measuring the fish easier?

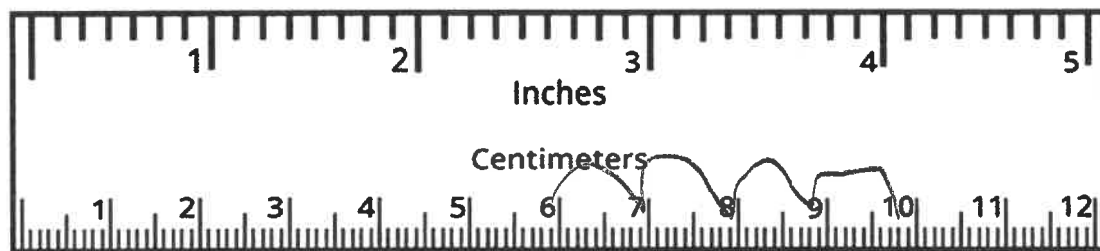
Discussion Question 1:

How many inches long is this pencil?



3 in

How many centimeters long is this ChapStick?



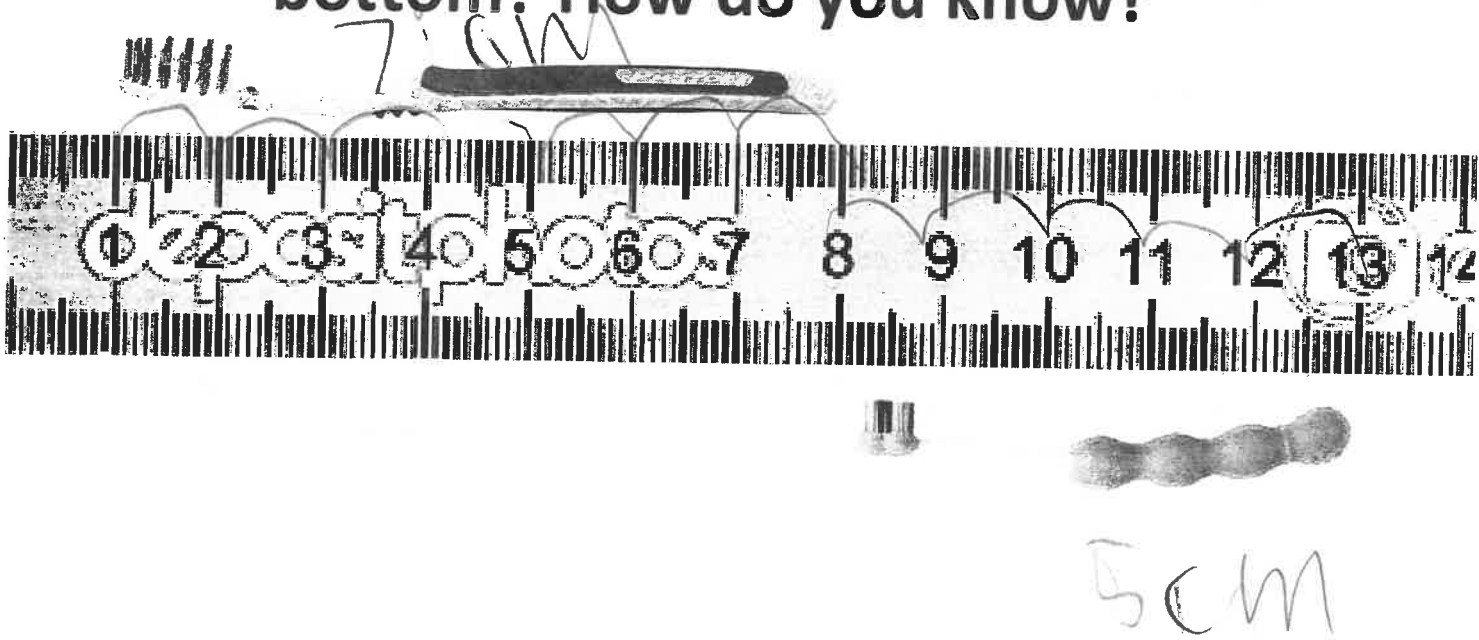
4cm

$10 - 6 = 4$

Discussion Question 2:

The unit on the ruler is centimeters.

Which toothbrush is longer, the top or the bottom? How do you know?

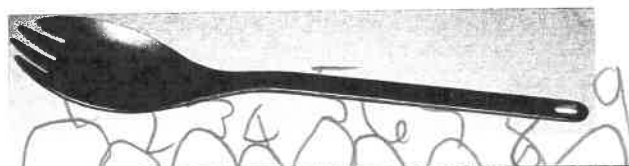


The one on the top because

Name: _____

Exit Ticket

Jasmine is measuring her spork. She lines up her ruler and says the spork is 21 cm. Do you agree with Jasmine's measurement? Explain your thinking, and what the correct answer should be.



9 cm

Name: _____

Independent Review

1. Draw a line that is one centimeter long. Draw a second line that is 4 cm. Label both lines.

1cm

4cm

2. Circle the estimates of measurement that makes the most sense for the items below:

- The height of Ms. Dosky
a) 13 inches b) 5 feet c) 5 miles d) 1 meter
- The length of a cafeteria table
a) 12 centimeters b) 6 yards c) 9 miles d) 6 inches
- The distance from Boston to Providence
a) 1 meter b) 5 feet c) 55 miles d) 50 inches

2. Write a number story that matches this number sentence $3 \times 8 = ?$ Then, draw a model to match the problem and solve.

I have 3 books each has 8 pages.
How many pages are there?



24 pages

4. Solve for the missing variables:

$357 = B - 118$

$$\begin{array}{r} 357 \\ - 118 \\ \hline 239 \end{array}$$

$? = 106 + 404$

$$\begin{array}{r} 404 \\ + 106 \\ \hline 510 \end{array}$$

5. There were 712 books in the library. On Saturday 345 were checked out. How many books were left in the library?

$$\begin{array}{r} 712 \\ - 345 \\ \hline 367 \end{array}$$

6. John had 9 boxes of crayons. In each box there were 6 crayons. How many crayons were there in all?

$6 \times 9 = 54$
54 crayons

7. Ms. Brysh was handing out books to the classrooms. One room got 13 books, two rooms got 28 books, and the last room got 7 books. How many books did Ms. Brysh hand out in all?

$$\begin{array}{r} 13 \\ + 28 \\ + 28 \\ + 7 \\ \hline 76 \end{array}$$

$20 + 10 + 10 = 20$
76 books

8. A farmer has 4 fields. There are 38 rows of corn in the first field and 18 rows of corn in the second field. The third and fourth field both have 13 rows of corn. How many rows of corn are there in all?

W.A.M.

True or false? Explain your thinking.

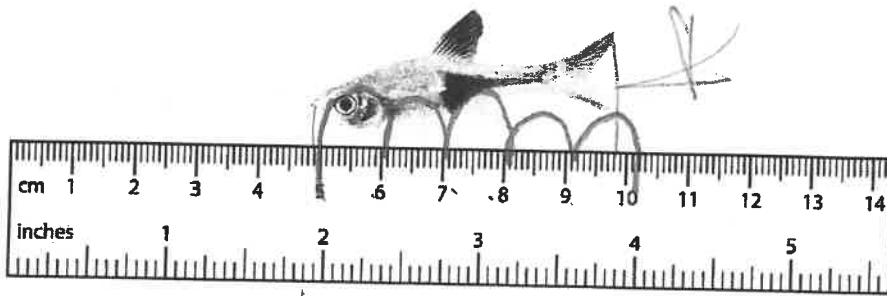
If you measure a pencil in inches, and then centimeters, you will get the same number for both units.

Scholar: Renejah

Date: _____

Problem Solving Task

How many centimeters long is the fish?



10 cm

Explain how you figured it out.

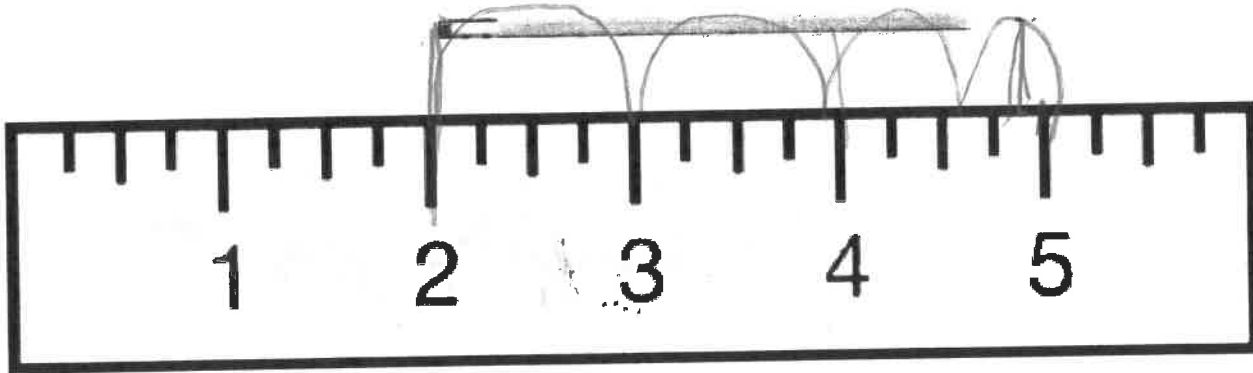
I figured it out because $5 + 5 = 10$
and it starts at 5 and then
6 7 8 9 10 and it stops at 10
so 10 is 5

What could have been done to make measuring the fish easier?

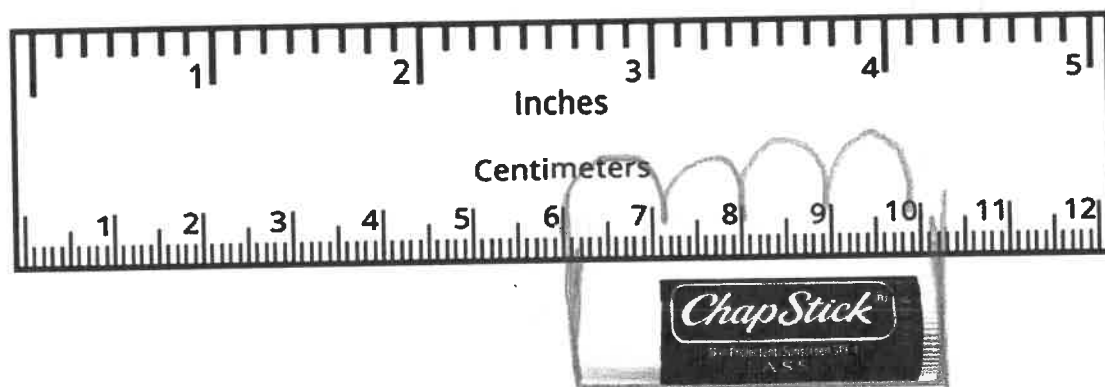
to start at the inches and
then cm.

Discussion Question 1:

How many inches long is this pencil?



How many centimeters long is this ChapStick?

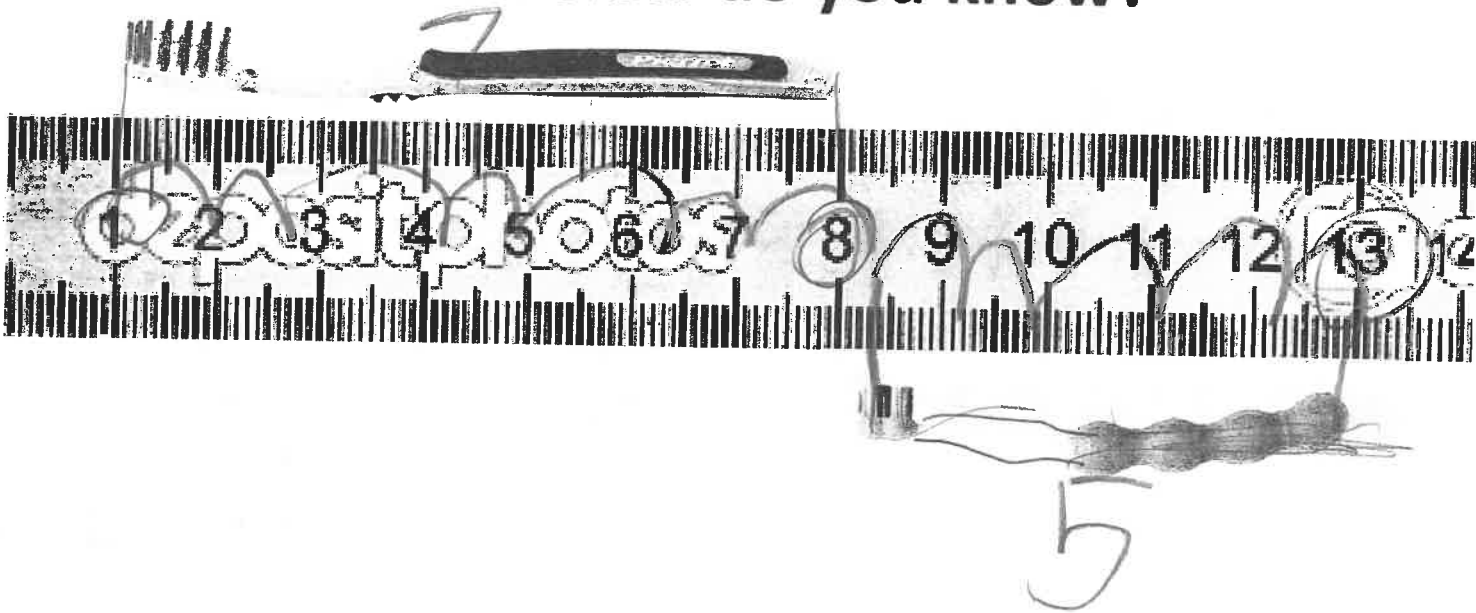


4 Centimeters

Discussion Question 2:

The unit on the ruler is centimeters.

Which toothbrush is longer, the top or the bottom? How do you know?



I think the toothbrush
on the top is longer because
it has a longer bottom
but the one on
the bottom is shorter

Name: _____

Exit Ticket

Jasmine is measuring her spork. She lines up her ruler and says the spork is 21 cm. Do you agree with Jasmine's measurement? Explain your thinking, and what the correct answer should be.



✓ 9 cm

1	2	3	4	5
12	13	14	15	16
13	18	19	20	
21				

12 + 9 = 21

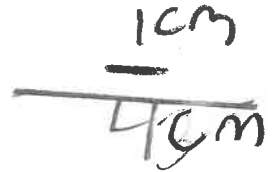
✗ ~~12~~ + ~~9~~ = 21

✗ ~~12~~ + ~~9~~ = 21

Name: _____

Independent Review

1. Draw a line that is one centimeter long. Draw a second line that is 4 cm. Label both lines.



2. Circle the estimates of measurement that makes the most sense for the items below:

- The height of Ms. Dosky
a) 13 inches b) 5 feet c) 5 miles d) 1 meter
- The length of a cafeteria table
a) 12 centimeters b) 6 yards c) 9 miles d) 6 inches
- The distance from Boston to Providence
a) 1 meter b) 5 feet c) 55 miles d) 50 inches

2. Write a number story that matches this number sentence $3 \times 8 = ?$ Then, draw a model to match the problem and solve.

I have 3 Snap clips each
Snap chat has 8 friends how
many Snap clips do I have?

4. Solve for the missing variables:

$357 = B - 118$



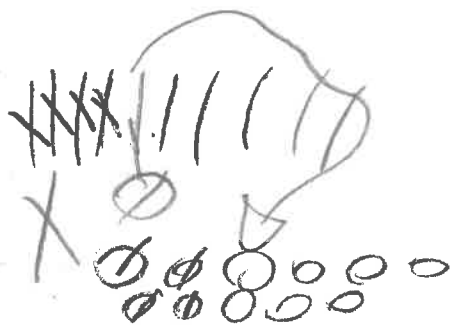
$? = 106 + 404$

$357 - 118 = B$



5. There were 712 books in the library. On Saturday 345 were checked out. How many books were left in the library?

$712 - 345$



6. John had 9 boxes of crayons. In each box there were 6 crayons. How many crayons were there in all?

7. Ms. Brysh was handing out books to the classrooms. One room got 13 books, two rooms got 28 books, and the last room got 7 books. How many books did Ms. Brysh hand out in all?

8. A farmer has 4 fields. There are 38 rows of corn in the first field and 18 rows of corn in the second field. The third and fourth field both have 13 rows of corn. How many rows of corn are there in all?

W.A.M.

True or false? Explain your thinking.

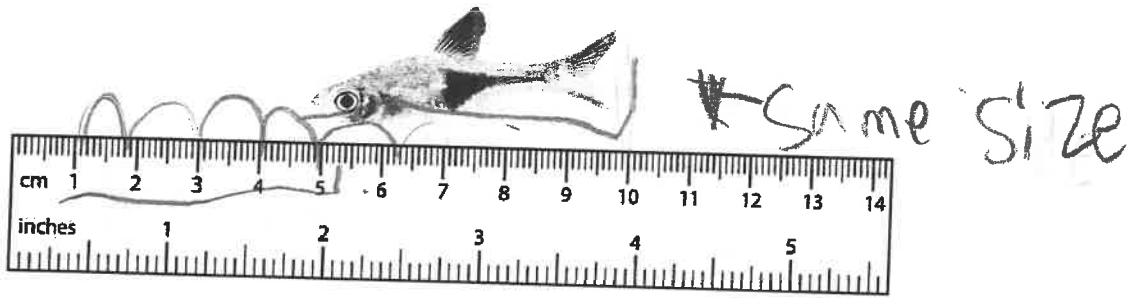
If you measure a pencil in inches, and then centimeters, you will get the same number for both units.

Scholar: LaSean

Date: _____

Problem Solving Task

How many centimeters long is the fish?



5 centimeters

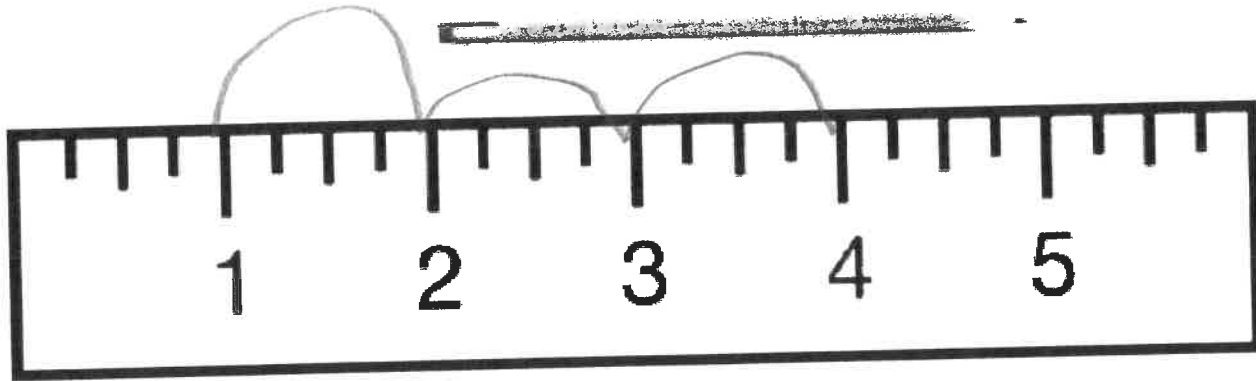
Explain how you figured it out.

I figured it out because I noticed that the size of the fish is

What could have been done to make measuring the fish easier?

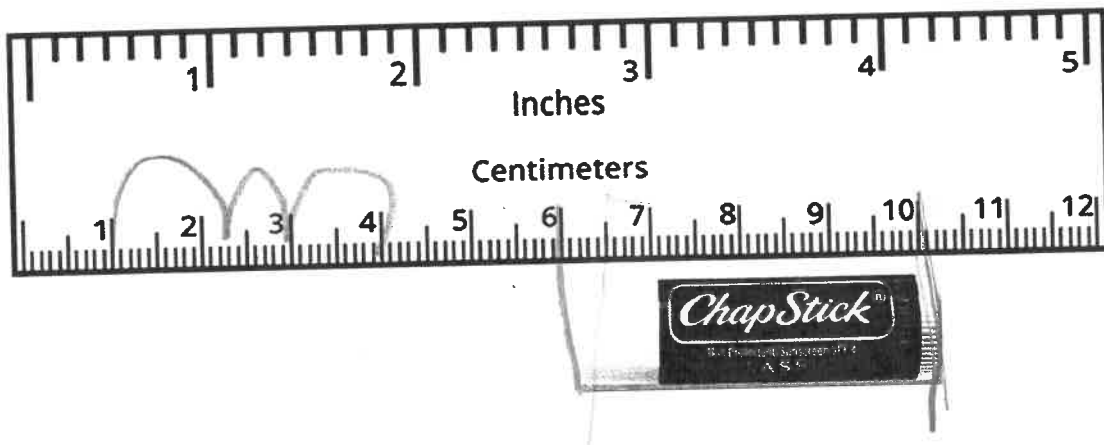
Discussion Question 1:

How many inches long is this pencil?



3 inches

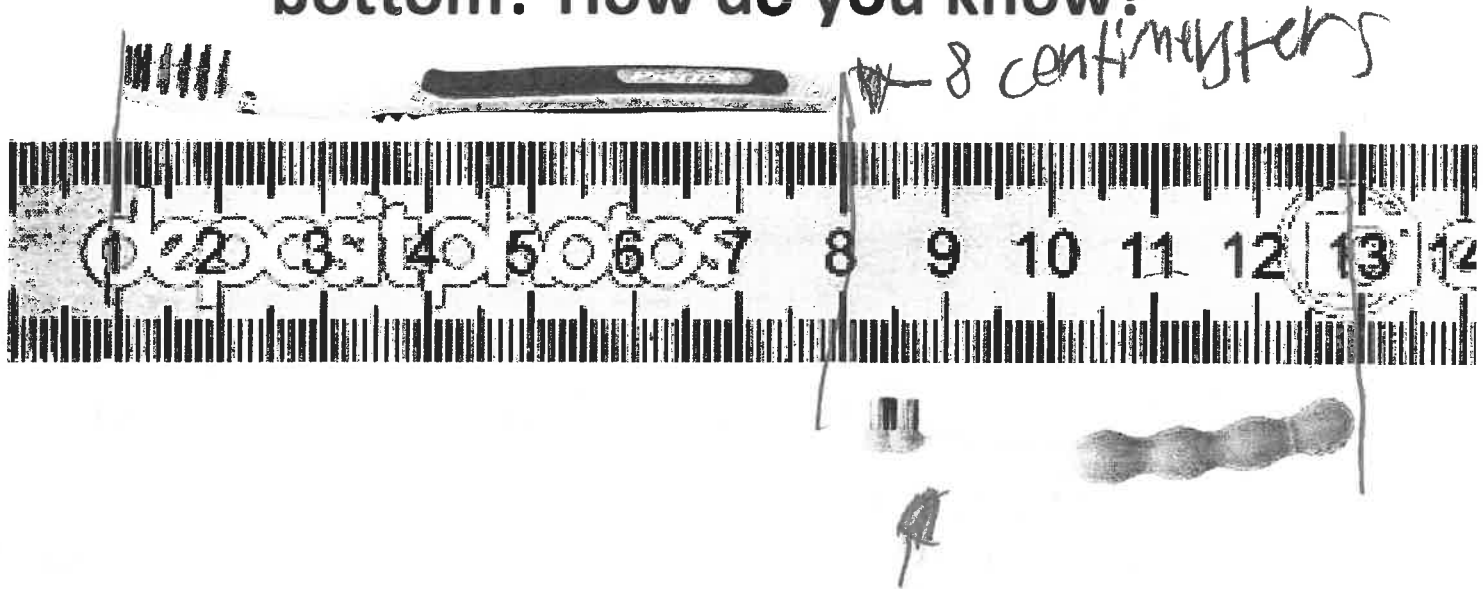
How many centimeters long is this ChapStick?



Discussion Question 2:

The unit on the ruler is centimeters.

Which toothbrush is longer, the top or the bottom? How do you know?



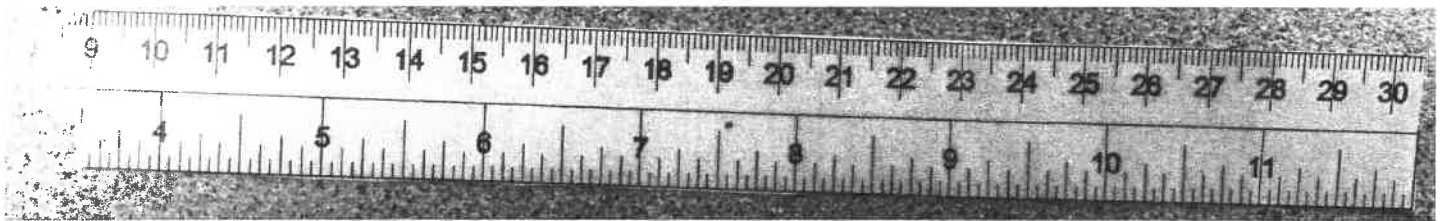
I think that the top toothbrush is longer because the bottom toothbrush starts at eight

5 centimeters

Name: _____

Exit Ticket

Jasmine is measuring her spork. She lines up her ruler and says the spork is 21 cm. Do you agree with Jasmine's measurement? Explain your thinking, and what the correct answer should be.

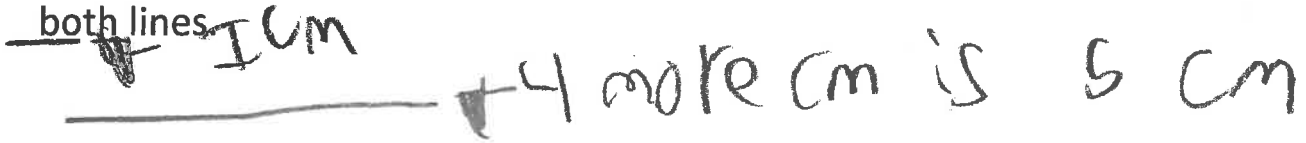


I think that Jasmine's measurement isn't correct because the spork starts at 12 and ends at 21 so you need to count to 12 to 21 and you get 9. I think the correct measurement is 9 centimeters.

Name: _____

Independent Review

1. Draw a line that is one centimeter long. Draw a second line that is 4 cm. Label

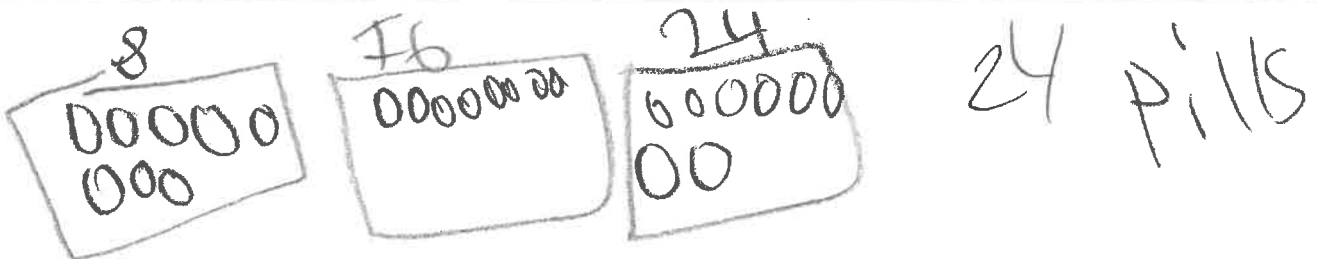
both lines.
 

2. Circle the estimates of measurement that makes the most sense for the items below:

- The height of Ms. Dosky
a) 13 inches b) 5 feet c) 5 miles d) 1 meter
- The length of a cafeteria table
a) 12 centimeters b) 6 yards c) 9 miles d) 6 inches
- The distance from Boston to Providence
a) 1 meter b) 5 feet c) 55 miles d) 50 inches

2. Write a number story that matches this number sentence $3 \times 8 = ?$ Then, draw a model to match the problem and solve.

I have 3 cups in each cup there are 8 pills. How many pills are there?



4. Solve for the missing variables:

$$357 = B - 118$$

$$\begin{array}{r} 357 \\ - 118 \\ \hline 239 \end{array}$$

$$239$$

$$? = 106 + 404$$

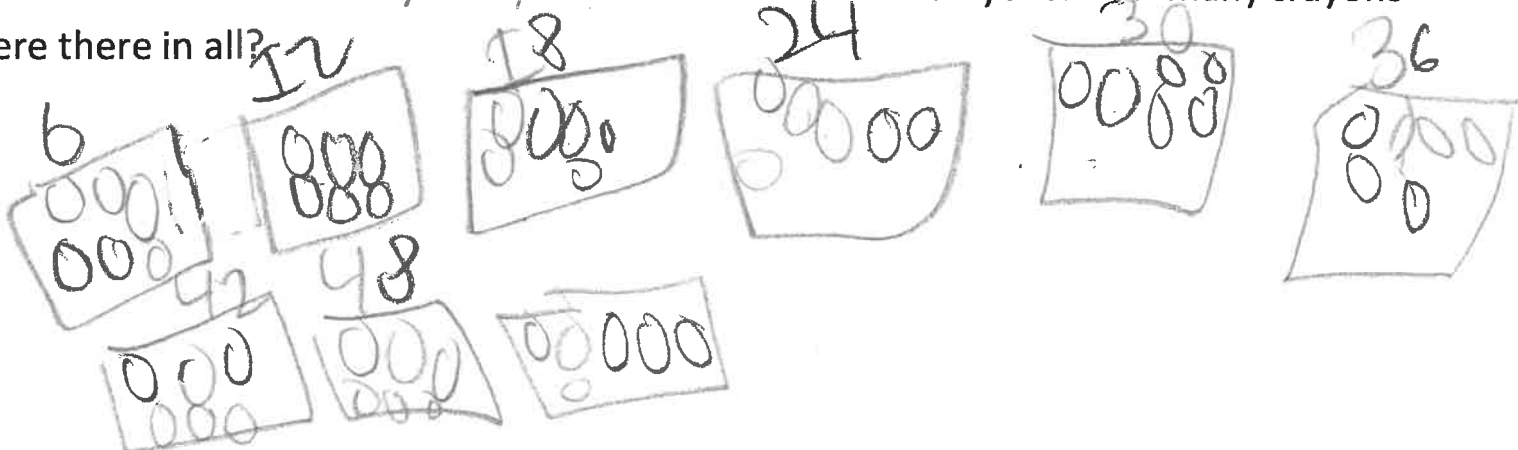
$$\begin{array}{r} 404 \\ + 106 \\ \hline 510 \end{array}$$

5. There were 712 books in the library. On Saturday 345 were checked out. How many books were left in the library?

$$\begin{array}{r} 712 \\ - 345 \\ \hline 367 \end{array}$$

367 books

6. John had 9 boxes of crayons. In each box there were 6 crayons. How many crayons were there in all?



7. Ms. Brysh was handing out books to the classrooms. One room got 13 books, two rooms got 28 books, and the last room got 7 books. How many books did Ms. Brysh hand out in all?

8. A farmer has 4 fields. There are 38 rows of corn in the first field and 18 rows of corn in the second field. The third and fourth field both have 13 rows of corn. How many rows of corn are there in all?

W.A.M.

True or false? Explain your thinking.

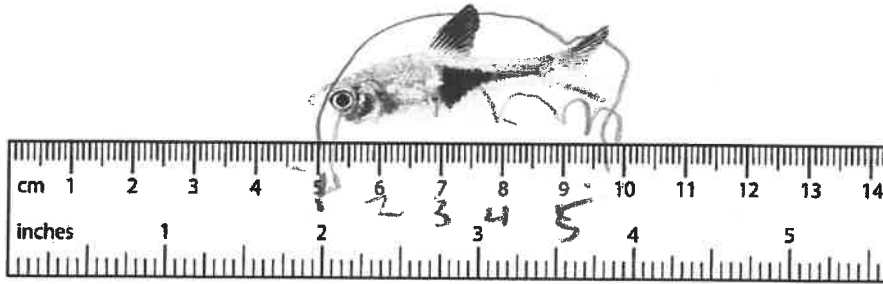
If you measure a pencil in inches, and then centimeters, you will get the same number for both units.

Scholar: Eli M.

Date: _____

Problem Solving Task

How many centimeters long is the fish?



Explain how you figured it out.

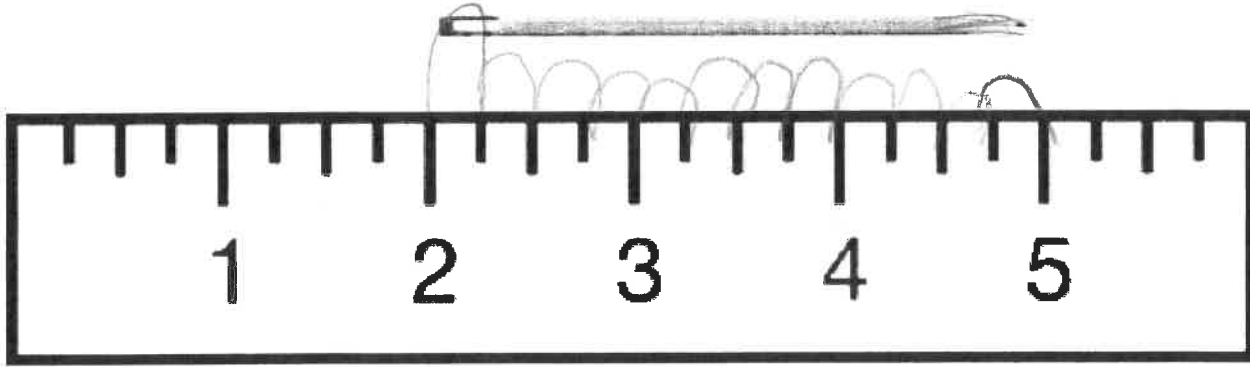
I started at 5 cm & ended at
9 & got 9 by 5

What could have been done to make measuring the fish easier?

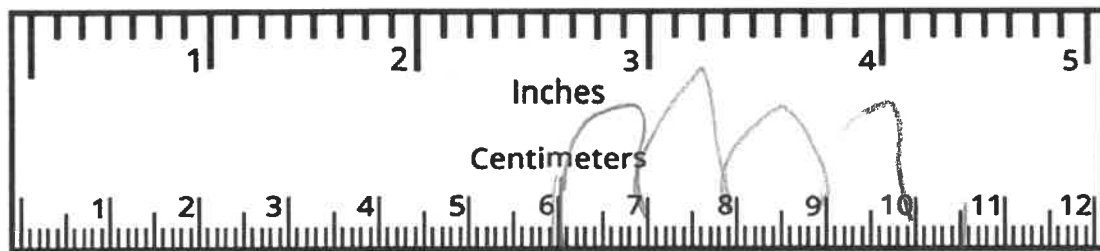
Discussion Question 1:

How many inches long is this pencil?

~~5 in~~
12 in



How many centimeters long is this ChapStick?

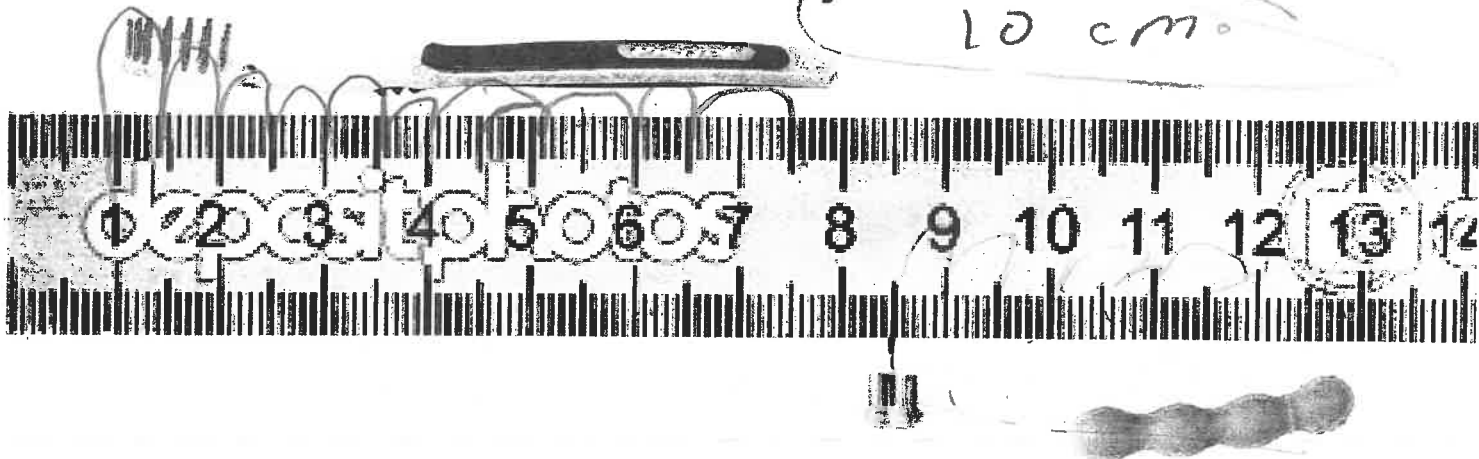


~~4 cm~~
4 cm

Discussion Question 2:

The unit on the ruler is centimeters.

Which toothbrush is longer, the top or the bottom? How do you know?



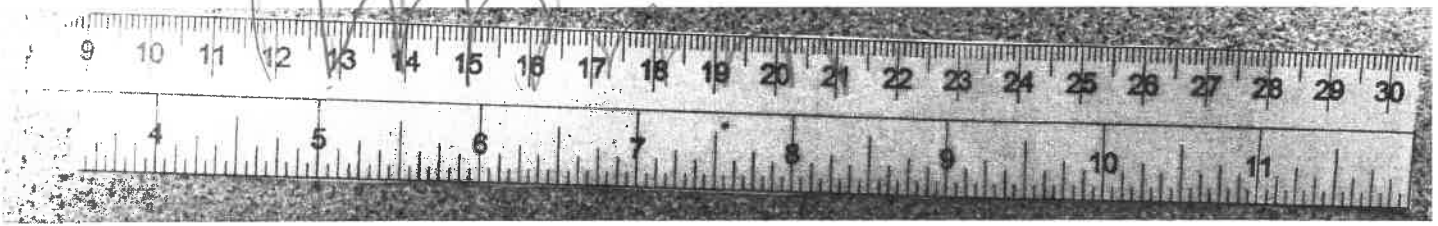
5 cm
or
4

The top

Name: Eli 4/11/2019

Exit Ticket

Jasmine is measuring her spork. She lines up her ruler and says the spork is 21 cm. Do you agree with Jasmine's measurement? Explain your thinking, and what the correct answer should be.



12 cm

$$\begin{array}{r} 21 \\ - 12 \\ \hline 9 \end{array}$$

Name: Eli

Independent Review

1. Draw a line that is one centimeter long. Draw a second line that is 4 cm. Label both lines.

1 cm
4 cm

2. Circle the estimates of measurement that makes the most sense for the items below:

• The height of Ms. Dosky

- a) 13 inches b) 5 feet c) 5 miles d) 1 meter

• The length of a cafeteria table

- a) 12 centimeters b) 6 yards c) 9 miles d) 6 inches

• The distance from Boston to Providence

- a) 1 meter b) 5 feet c) 55 miles d) 50 inches

2. Write a number story that matches this number sentence $3 \times 8 = ?$ Then, draw a model to match the problem and solve.

I have 3 caddies. each caddy has 8 lions. How many lions in all?

$$3 \times 8 = 24$$

a

$$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$$

$$3 \times 8 = 24 \text{ lions}$$

4. Solve for the missing variables:

$$357 = B - 118$$

$$\begin{array}{r} 357 \\ - 118 \\ \hline 239 \end{array}$$

$$? = 106 + 404$$

$$\begin{array}{r} 106 \\ + 404 \\ \hline 510 \end{array}$$

5. There were 712 books in the library. On Saturday 345 were checked out. How many books were left in the library?

$$\begin{array}{r} 712 \\ - 345 \\ \hline 447 \end{array}$$

$$\begin{array}{r} 447 \\ \text{books} \end{array}$$

6. John had 9 boxes of crayons. In each box there were 6 crayons. How many crayons were there in all?

9

7. Ms. Brysh was handing out books to the classrooms. One room got 13 books, two rooms got 28 books, and the last room got 7 books. How many books did Ms. Brysh hand out in all?

8. A farmer has 4 fields. There are 38 rows of corn in the first field and 18 rows of corn in the second field. The third and fourth field both have 13 rows of corn. How many rows of corn are there in all?

W.A.M.

True or false? Explain your thinking.

If you measure a pencil in inches, and then centimeters, you will get the same number for both units.
