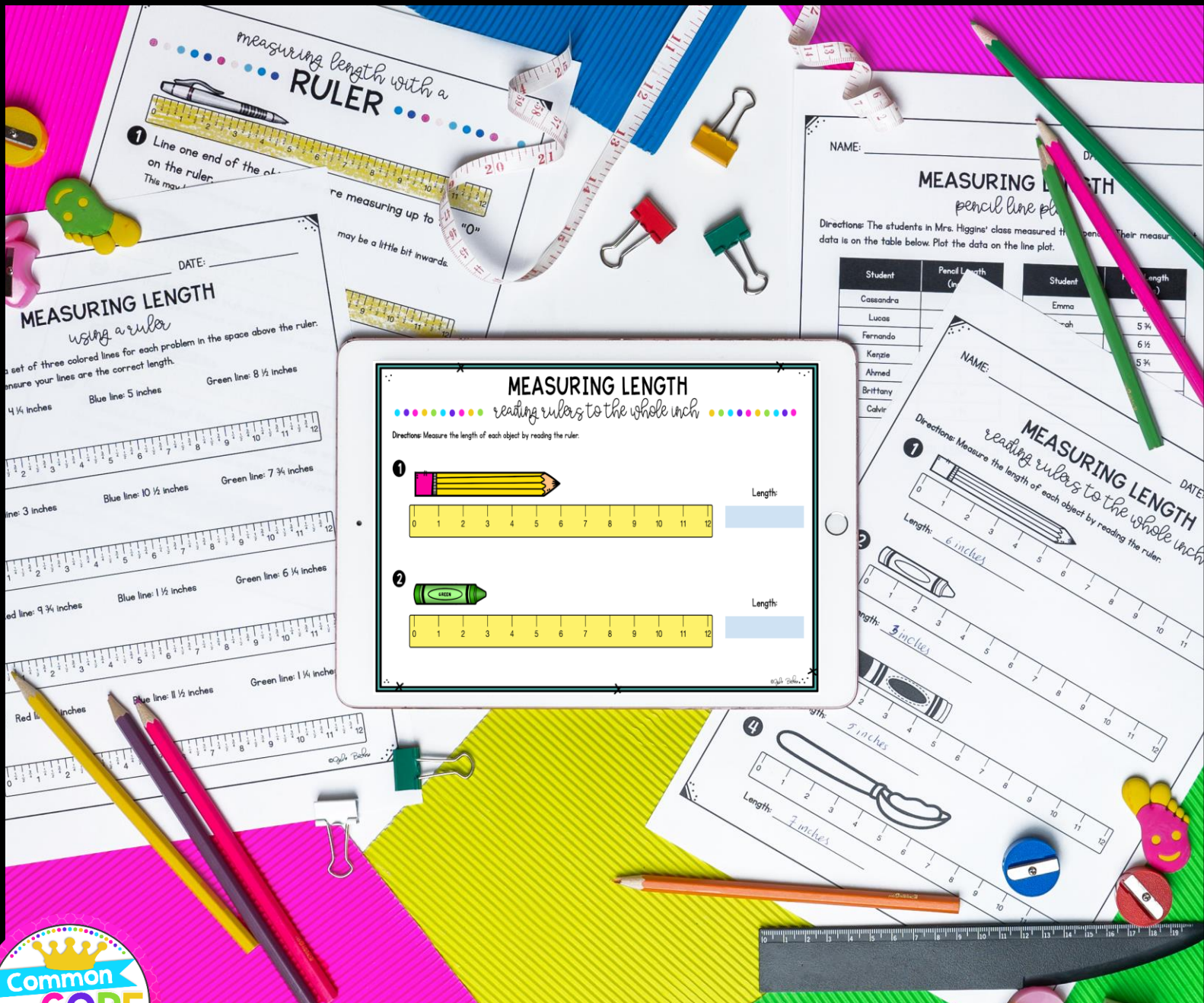


MEASURING LENGTH

3rd Grade



Printable & Google Slides





NAME: _____

MEASURING LENGTH

Directions: The students in Mrs. [Name] data is on the table below. Plot

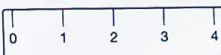
Student
Cassandra
Lucas
Fernando
Kenzie
Ahmed
Brittany

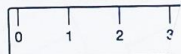
NAME: _____ DATE: _____

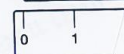
MEASURING LENGTH

reading rulers to the whole inch

Directions: Measure the length of each object by reading the ruler.

1   Length: 6 inches

2   Length: 3 inches

3   Length: _____

NAME: _____

MEASURING LENGTH

Directions: Draw a set of three colored lines. Use the ruler to ensure your lines are

1 Red line: $4\frac{1}{4}$ inches

2 Red line: 3 inches

3 Line one on the ruler. This may be at the

4 Find the last whole inch marked. Whole inches are measured with the

5 the fraction of the inch closest to the

6 mark halfway between two whole inches represents

7 marks between whole inch and $\frac{1}{2}$ inch marks represent

MEASURING LENGTH

measure & match

Directions: Drag the ruler to measure the lines. Find the shape with the correct measurement and drag it to the corresponding line.

1 _____

2 _____

3 _____

4 _____

$5\frac{1}{2}$ inches

$7\frac{1}{4}$ inches

$3\frac{1}{2}$ inches

$1\frac{1}{4}$ inches



Record your measurement. Be sure to label your measurement as "inches".

$4\frac{3}{4}$ inches

measuring length with a RULER

1 Line one end of the object you are measuring up to the "0" on the ruler.
This may be at the very end of the ruler, or it may be a little bit inwards.

2 Find the last whole inch mark the object passes.
Whole inches are measured with the longest vertical marks on the ruler.

3 Find the fraction of the inch closest to the end of the object.
The vertical mark halfway between two whole inches represents $\frac{1}{2}$ of an inch.
The vertical marks between whole inch and $\frac{1}{2}$ inch marks represent $\frac{1}{4}$ and $\frac{3}{4}$ of an inch.

$4 \frac{3}{4}$ inches

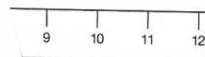
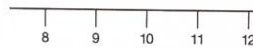
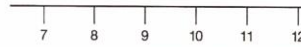
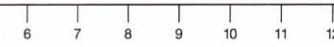
4 Record your measurement.
Be sure to label your measurement as "inches".

DATE: _____

RING LENGTH

to the whole inch

Object by reading the ruler.



6 LENGTH

re plot

measured their pencils. Their measurement

space above the ruler.

re: $8 \frac{1}{2}$ inches



$7 \frac{3}{4}$ inches



$\frac{1}{4}$ inches



green line: $1 \frac{1}{4}$ inches



©Jill Baker

measuring length with a RULER

- 1 Line one end of the object you are measuring up to the "0" on the ruler.

This may be at the very end of the ruler, or it may be a little bit inwards.

- 2 Find the last whole inch mark the object passes.

Whole inches are measured with the longest vertical marks on the ruler.

- 3 Find the fraction of the inch closest to the end of the object.

The vertical mark halfway between two whole inches represents $\frac{1}{2}$ of an inch.

The vertical marks between whole inch and $\frac{1}{2}$ inch marks represent $\frac{1}{4}$ and $\frac{3}{4}$ of an inch.

$4 \frac{3}{4}$ inches

- 4 Record your measurement.

Be sure to label your measurement as "inches".

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NAME: _____

MEASURING

pencil

Directions: The students in Mrs. Hig's data is on the table below. Plot the

Student	Pencil
Cassandra	
Lucas	
Fernando	
Kenzle	
Ahr	
P	

Directions: Measure the

1 Length: 6 1/4"

2 Length: 1"

3 Length: 0"

Directions: Draw Use the ruler to end

1 Red line: 4 1/4 inches

2 Red line: 3 inches

3 Red line: 9 3/4 inches

Blue line: 10 1/2 inches

Blue line: 1 1/2 inches

Blue line: 11 1/2 inches

Green line: 6 1/4 inches

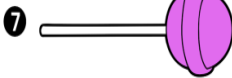
Green line: 1 1/4 inches

Blue line: 12 1/2 inches

MEASURING LENGTH

reading rulers to the half inch

Directions: Measure the length of each object by reading the ruler.



Length:



Length:

©2018 Bobo

measuring length with a RULER



1 Line on the ruler
This mark



2 Find the whole



3 Find the half

4 Read the number

NAME: _____ DATE: _____

MEASURING LENGTH

Directions: Draw a set of the ruler. Use the ruler to ensure you

1 Red line: $4\frac{1}{4}$ inches



2 Red line: 3 inches



3 Red line: $9\frac{3}{4}$ inches



4 Red line: 2 inches



NAME: _____ DATE: _____

MEASURING LENGTH

pencil line

Directions: The students in Mrs. Higgins' class measure data is on the table below. Plot the data on the line

Student	Pencil Length (inches)
Cassandra	5
Lucas	$5\frac{1}{2}$
Fernando	6
Kenzie	$6\frac{1}{4}$
Ahmed	5
Brittany	$6\frac{1}{2}$
Calvin	$5\frac{3}{4}$

PENCIL LENGTHS

5 $5\frac{1}{4}$ $5\frac{1}{2}$

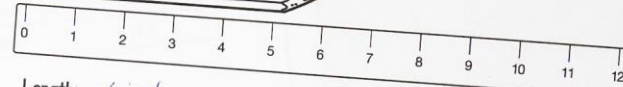
NAME: _____ DATE: _____

MEASURING LENGTH

reading rulers to the whole inch

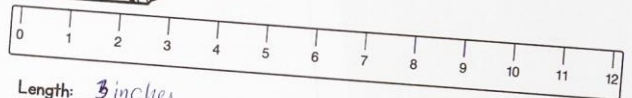
Directions: Measure the length of each object by reading the ruler.

1



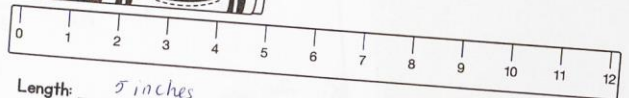
Length: 6 inches

2



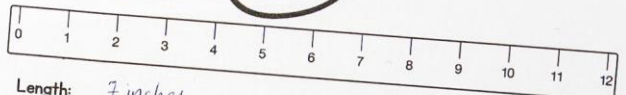
Length: 3 inches

3



Length: 5 inches

4



Length: 7 inches

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MEASURING LENGTH

using a ruler

Directions: Draw lines with the measurements below by clicking on each line and dragging the blue circle on the end to resize. Use the ruler to ensure your lines are the correct length.

④ Red line: 2 inches Blue line: 1 1/2 inches Green line: 1 1/4 inches



NAME: _____

MEAS

Directions: The students in Mrs. Higg data is on the table below. Plot the d

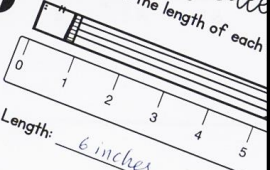
Student	Pencil Len (inches)
Cassandra	5
Lucas	5 1/2
Fernando	6
Kenzie	6 1/4
Ahmed	5
Brittany	6 1/2
Calvin	5 3/4

NAME: _____

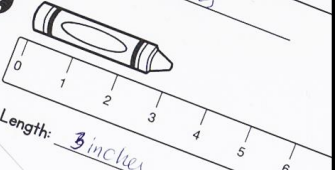
MEAS

Directions: Measure the length of each

①



②



NAME: _____

MEASURING LENGTH

using a ruler

Directions: Draw a set of three colored lines for each problem in the space above the ruler. Use the ruler to ensure your lines are the correct length.

①

Red line: 4 1/4 inches
Blue line: 5 inches
Green line: 10 1/2 inches

DATE: _____

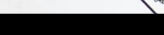
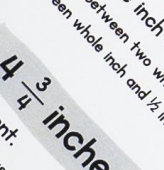
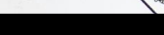
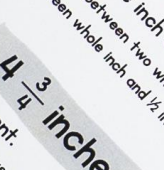
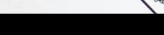
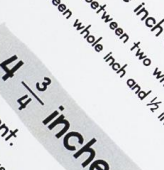
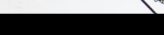
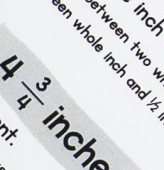
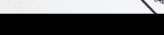
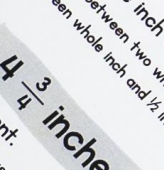
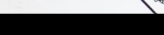
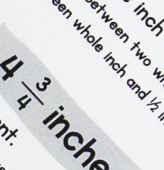
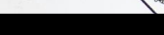
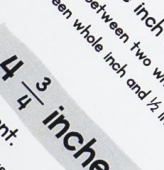
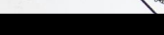
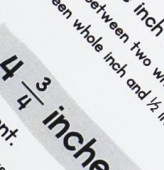
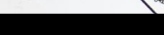
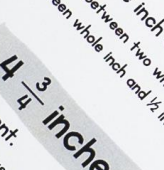
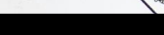
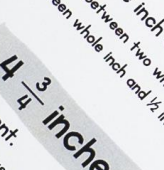
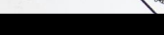
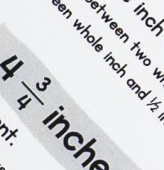
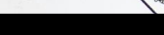
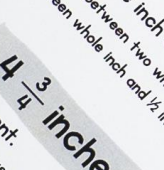
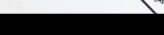
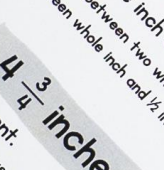
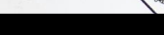
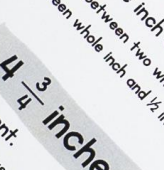
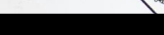
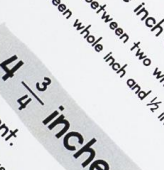
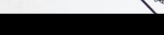
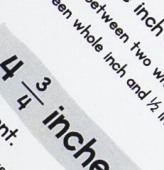
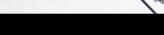
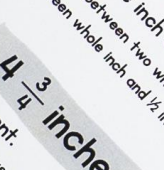
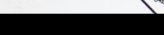
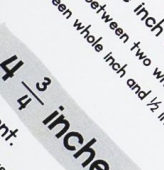
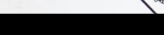
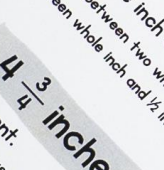
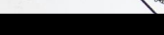
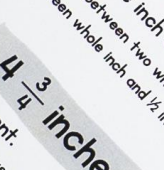
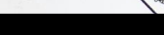
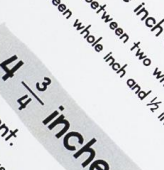
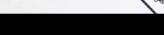
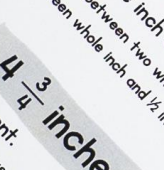
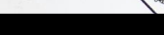
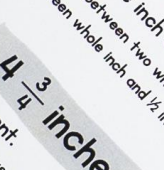
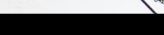
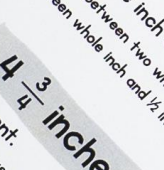
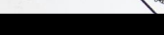
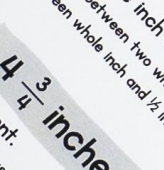
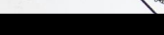
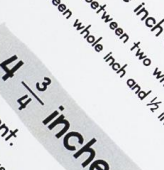
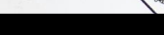
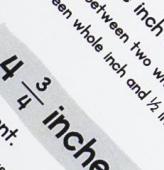
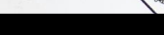
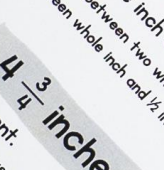
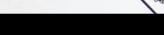
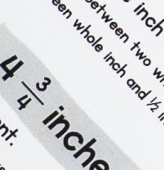
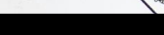
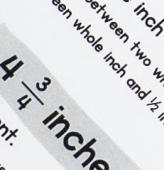
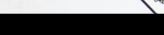
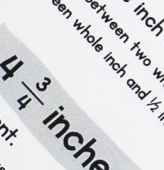
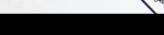
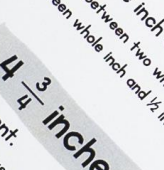
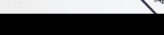
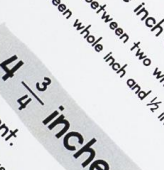
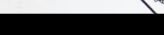
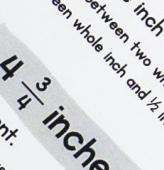
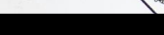
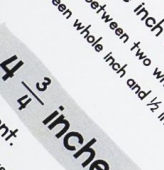
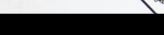
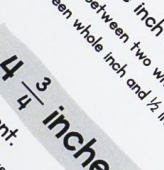
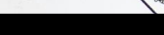
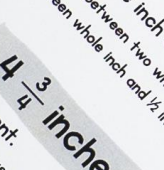
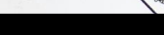
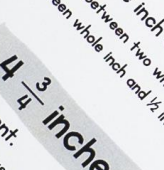
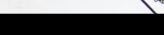
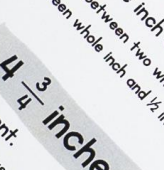
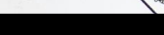
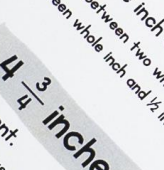
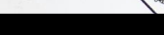
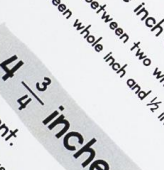
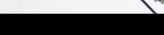
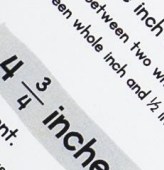
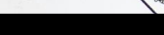
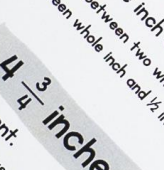
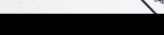
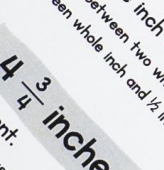
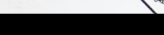
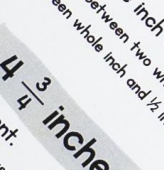
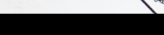
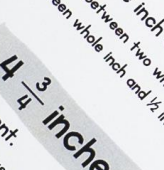
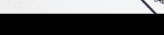
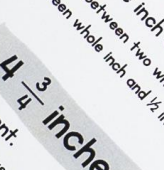
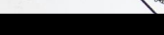
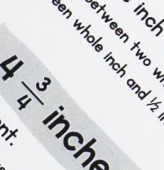
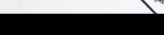
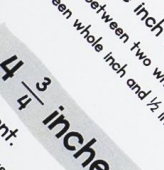
①

Line one end of the object you are measuring up to the "0" on the ruler. This may be at the very end of the ruler, or it may be a little bit inward.

measuring length with a RULER

Find the last whole inch mark the object passes. Whole inches are measured with the longest vertical marks on the ruler.

4 3/4 inches



NAME: _____

DATE: _____

MEASURING LENGTH

pencil line plot

Directions: The students in Mrs. Higgins' class measured their pencils. Their measurement data is on the table below. Plot the data on the line plot.

Student	Pencil Length (inches)
Cassandra	5
Lucas	5 $\frac{1}{2}$
Fernando	6
Kenzie	6 $\frac{1}{4}$
Ahmed	5
Brittany	6 $\frac{1}{4}$

Student	Pencil Length (inches)
Emma	6
Sarah	5 $\frac{3}{4}$
Deepak	6 $\frac{1}{2}$

MEASURING LENGTH

reading rulers to the whole

Measure the length of each object by reading the ruler.

Length: 6 inchesLength: 3 inchesLength: 5 inchesLength: 7 inches

MEASURING LENGTH

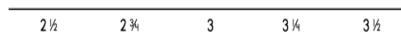
leaf line plot

LEAF NUMBER	LENGTH (INCHES)
1	2 $\frac{1}{2}$
2	3 $\frac{1}{4}$
3	3
4	2 $\frac{3}{4}$
5	3
6	3 $\frac{1}{4}$
7	2 $\frac{3}{4}$
8	2 $\frac{1}{2}$
9	2 $\frac{3}{4}$
10	3 $\frac{1}{4}$
11	3
12	3 $\frac{1}{4}$
13	2 $\frac{1}{2}$
14	3 $\frac{1}{4}$
15	2 $\frac{1}{2}$
16	3 $\frac{1}{4}$

Directions: Thomas is measuring the lengths of leaves that fell from a beech tree in his yard. The measurement data is on the table. Plot the data by dragging the Xs onto the line plot.



LEAF LENGTH



INCHES



2 Find the last whole inch mark the object passes. Whole inches are measured with the longest vertical marks on the ruler.

3 Find the fraction of the inch closest to the end of the object. The vertical mark halfway between two whole inches represents $\frac{1}{2}$ of an inch. The vertical marks between whole inch and $\frac{1}{2}$ inch marks represent $\frac{1}{4}$ and $\frac{3}{4}$ of an inch.

4 Record your measurement. Be sure to label your measurement as "inches".

$4 \frac{3}{4}$ inches

MEASURING LENGTH

3rd grade

Table of Contents

1. Anchor Chart (1 page)
2. Reading Rulers (8 pages)
3. Drawing Lines with a Ruler (5 pages)
4. Measuring Lines with a Ruler (1 page)
5. Length Scavenger Hunts (2 page)
6. Measure & Match Cards (4 pages)
7. Making Line Plots (6 pages)
8. Test Review (4 pages)
9. Test (4 pages)



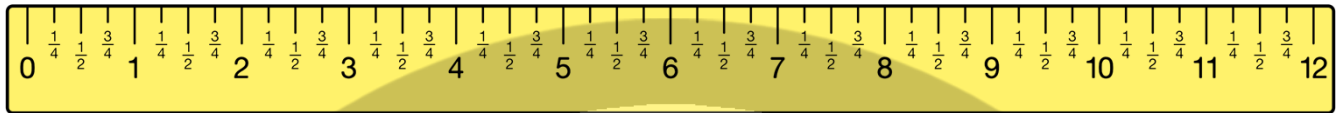
Thank you for purchasing this Common Core Kingdom digital resource!

The Google Slides version of this resource requires that you make a copy of the resource to your own Google Drive.

* You MUST have a Google account in order to access this resource. [Click HERE](#) if you need help setting up a Google account.

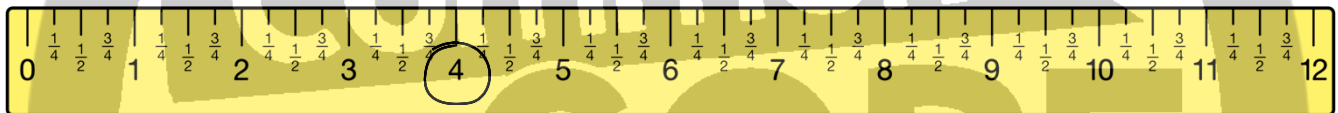
measuring length with a

RULER



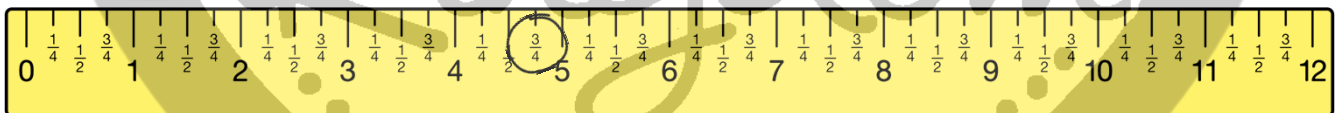
- 1 Line one end of the object you are measuring up to the "0" on the ruler.

This may be at the very end of the ruler, or it may be a little bit inwards.



- 2 Find the last whole inch mark the object passes.

Whole inches are measured with the longest vertical marks on the ruler.



- 3 Find the fraction of the inch closest to the end of the object.

The vertical mark halfway between two whole inches represents $\frac{1}{2}$ of an inch.

The vertical marks between whole inch and $\frac{1}{2}$ inch marks represent $\frac{1}{4}$ and $\frac{3}{4}$ of an inch.

$4 \frac{3}{4}$ inches

- 4 Record your measurement.

Be sure to label your measurement as "inches".

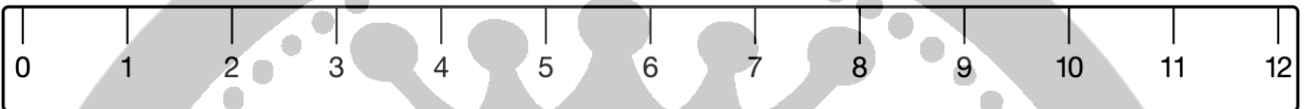
NAME: _____ DATE: _____

MEASURING LENGTH

reading rulers to the whole inch

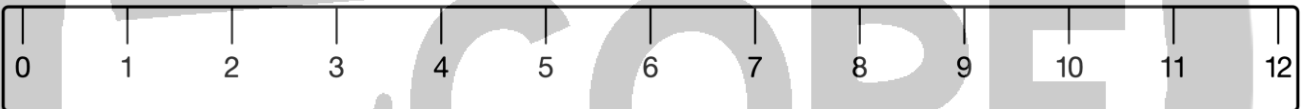
Directions: Measure the length of each object by reading the ruler.

1



Length: _____

2



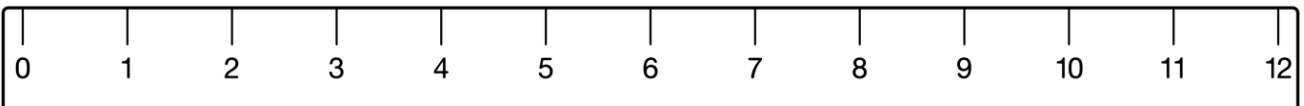
Length: _____

3



Length: _____

4



Length: _____

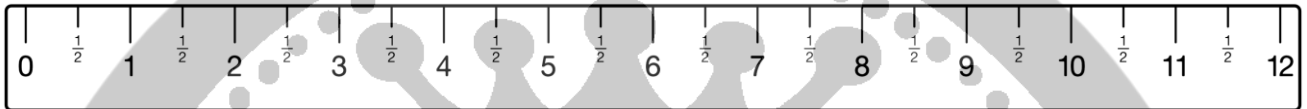
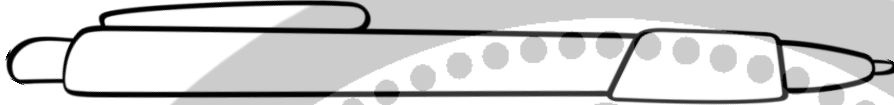
NAME: _____ DATE: _____

MEASURING LENGTH

reading rulers to the half inch

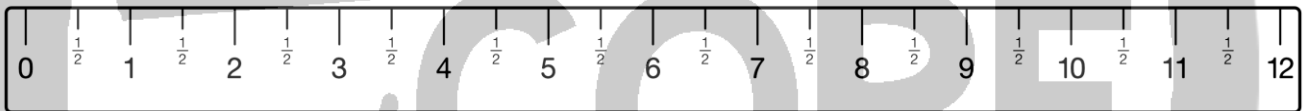
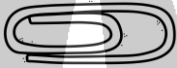
Directions: Measure the length of each object by reading the ruler.

1



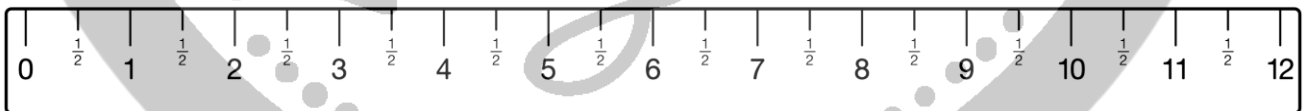
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2



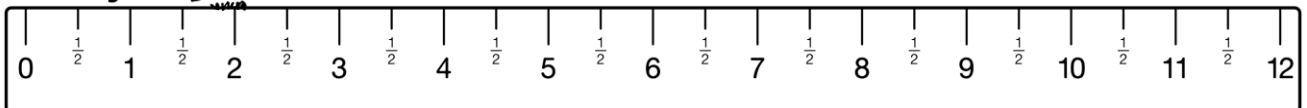
Length: _____

3



Length: _____

4



Length: _____

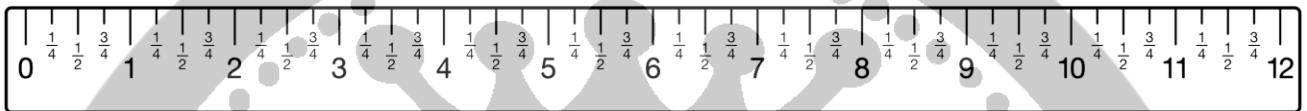
NAME: _____ DATE: _____

MEASURING LENGTH

reading rulers

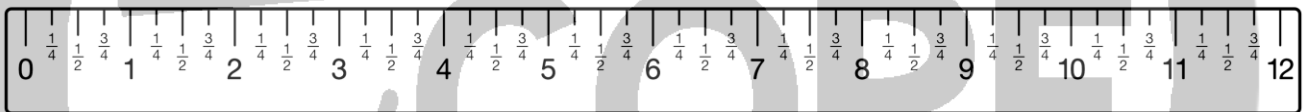
Directions: Measure the length of each object by reading the ruler.

1



Length: _____

2



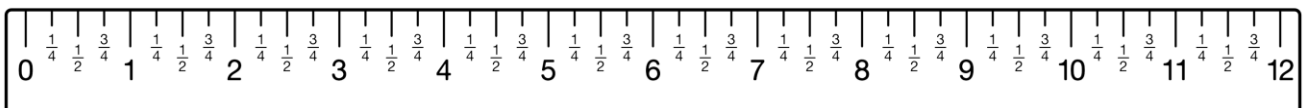
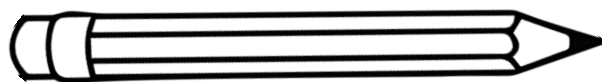
Length: _____

3



Length: _____

4



Length: _____

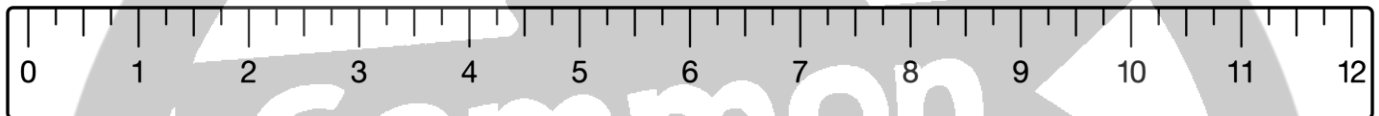
NAME: _____ DATE: _____

MEASURING LENGTH

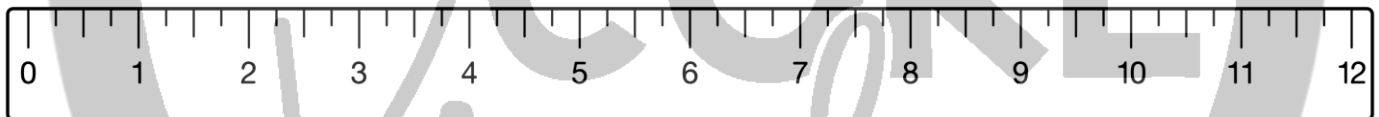
using a ruler

Directions: Draw a set of three colored lines for each problem in the space above the ruler. Use the ruler to ensure your lines are the correct length.

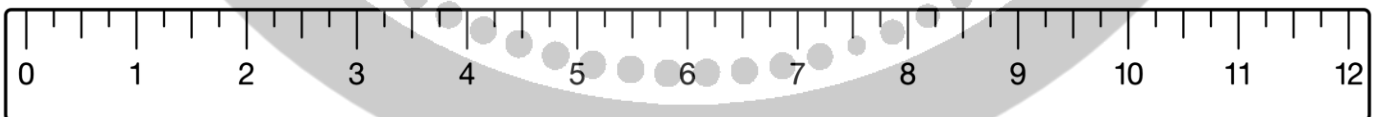
- 1** Red line: $5\frac{1}{4}$ inches Blue line: $2\frac{1}{2}$ inches Green line: 7 inches



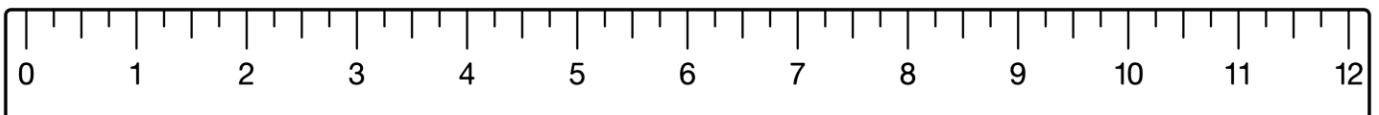
- 2** Red line: 3 inches Blue line: $6\frac{3}{4}$ inches Green line: $1\frac{1}{2}$ inches



- 3** Red line: $7\frac{1}{2}$ inches Blue line: $8\frac{1}{4}$ inches Green line: $3\frac{3}{4}$ inches



- 4** Red line: $\frac{1}{2}$ inch Blue line: 11 inches Green line: $5\frac{3}{4}$ inches



NAME: _____

DATE: _____

MEASURING LENGTH

drawing lines with a ruler

Directions: Use a ruler to draw lines with the lengths below.

1 Line length: $5 \frac{1}{4}$ inches

2 Line length: 3 inches

3 Line length: $2 \frac{1}{2}$ inches

4 Line length: $\frac{3}{4}$ inches

5 Line length: $6 \frac{1}{2}$ inches

6 Line length: $1 \frac{1}{4}$ inches

7 Line length: 7 inches

8 Line length: $4 \frac{3}{4}$ inches

NAME: _____ DATE: _____

MEASURING LENGTH

measuring lines with a ruler

Directions: Use a ruler to measure the lines below.

TEACHER TIP: When printing, be sure to print to "ACTUAL SIZE" to preserve accurate measurements.

1

Line length: _____

2

Line length: _____

3

Line length: _____

4

Line length: _____

5

Line length: _____

6

Line length: _____

7

Line length: _____

8

Line length: _____

NAME: _____

DATE: _____

MEASURING LENGTH

scavenger hunt

Directions: Using a ruler, find objects around your classroom or home that have the approximate lengths below. Write the name of the object you found.

1 Approximate length: 8 inches
object

2 Approximate length: 4 $\frac{1}{2}$ inches
object

3 Approximate length: $\frac{3}{4}$ inches
object

4 Approximate length: 11 $\frac{1}{4}$ inches
object

5 Approximate length: 5 $\frac{1}{2}$ inches
object

6 Approximate length: 10 inches
object

7 Approximate length: 7 $\frac{3}{4}$ inches
object

8 Approximate length: 3 $\frac{1}{4}$ inches
object

NAME: _____ DATE: _____

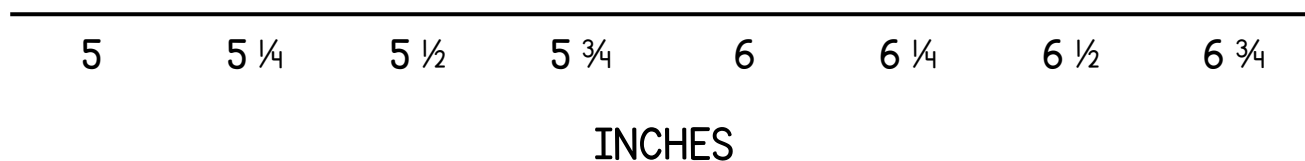
MEASURING LENGTH

pencil line plot

Directions: The students in Mrs. Higgins' class measured their pencils. Their measurement data is on the table below. Plot the data on the line plot.

Student	Pencil Length (inches)	Student	Pencil Length (inches)
Cassandra	5	Emma	6
Lucas	$5\frac{1}{2}$	Sarah	$5\frac{3}{4}$
Fernando	6	Deepak	$6\frac{1}{2}$
Kenzie	$6\frac{1}{4}$	Ben	$5\frac{3}{4}$
Ahmed	5	Katya	$6\frac{1}{2}$
Brittany	$6\frac{1}{2}$	Connor	$5\frac{1}{2}$
Calvin	$5\frac{3}{4}$	Kylee	$6\frac{1}{4}$

PENCIL LENGTHS IN MRS. HIGGINS' CLASS



NAME: _____ DATE: _____

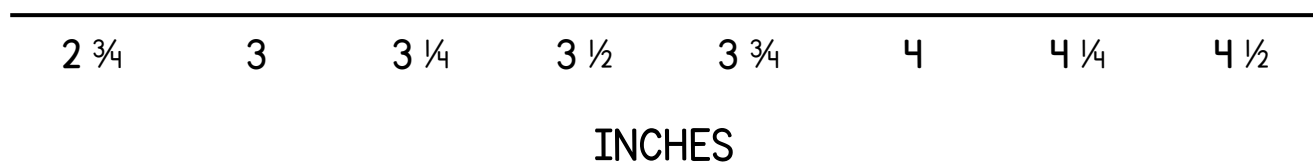
MEASURING LENGTH

measure, record, & plot

Directions: Use a ruler to measure the lines on the following page. Record the length of each line on the table below. Then, plot the measurements on the line plot below.

Line	Length (inches)	Line	Length (inches)	Line	Length (inches)
A		G		M	
B		H		N	
C		I		O	
D		J		P	
E		K		Q	
F		L		R	

LINE LENGTH



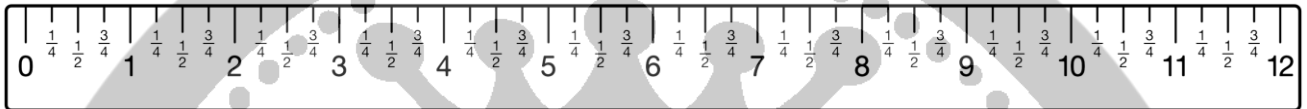
NAME: _____ DATE: _____

MEASURING LENGTH

test review

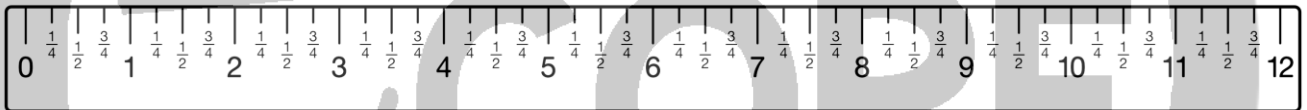
Directions: Measure the length of each object by reading the ruler.

1



Length: _____

2



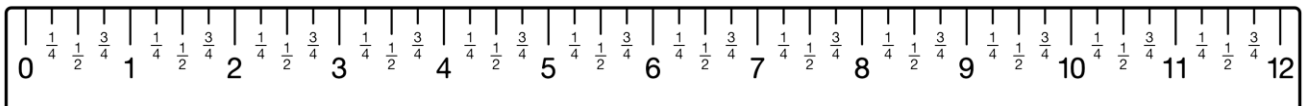
Length: _____

3



Length: _____

4



Length: _____

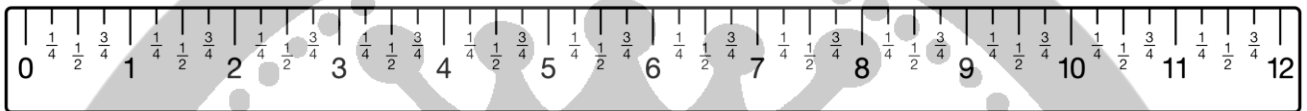
NAME: _____ DATE: _____

MEASURING LENGTH

test

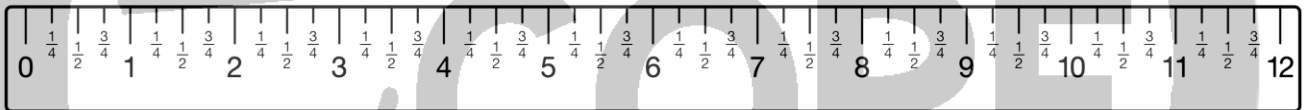
Directions: Measure the length of each object by reading the ruler.

1



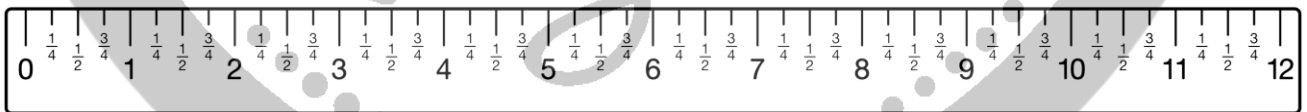
Length: _____

2



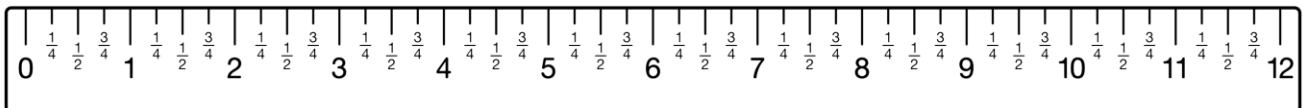
Length: _____

3



Length: _____

4



Length: _____

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