

Introduction to the 1/16 Inch Ruler

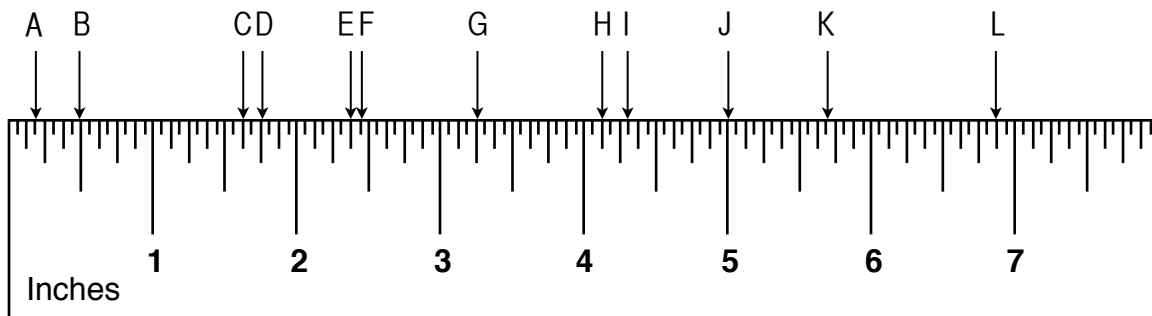
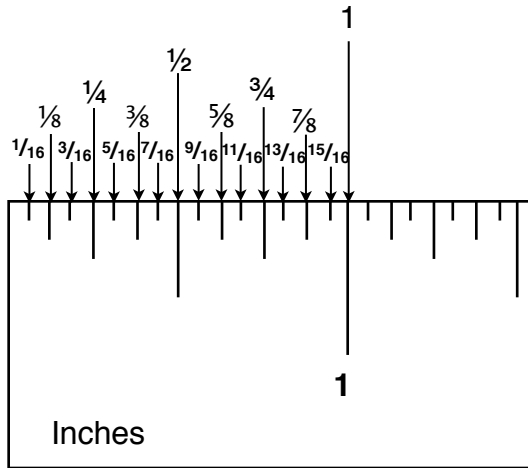
Name _____

Class _____

Date _____

Directions:

Using the diagram below, determine the measurement at each letter to the nearest 1/16. Be sure to put your answers in lowest terms.



A _____

G _____

B _____

H _____

C _____

I _____

D _____

J _____

E _____

K _____

F _____

L _____

Introduction to the 1/16 Inch Ruler KEY

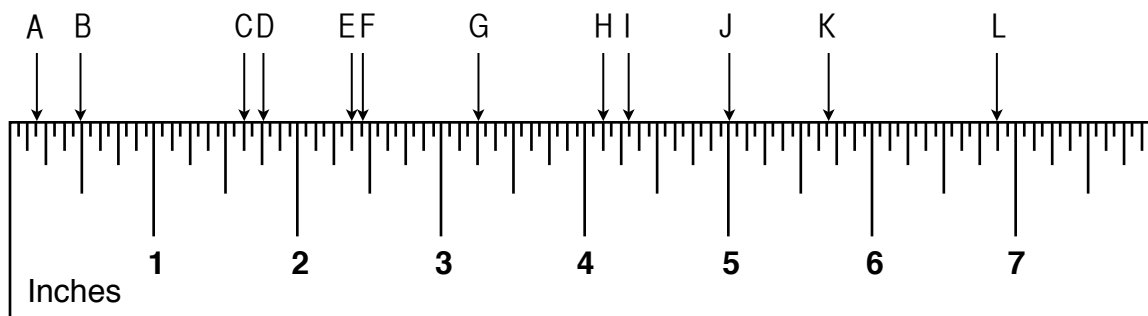
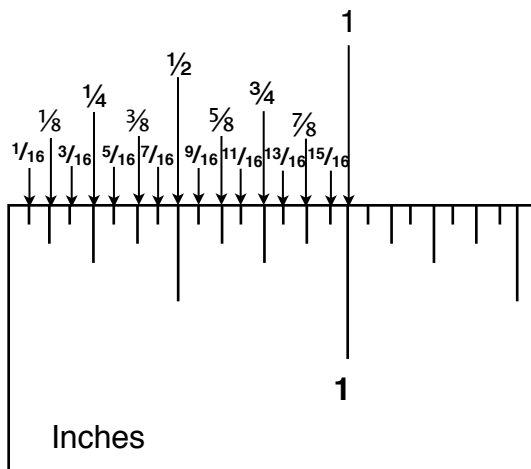
Name _____

Class _____

Date _____

Directions:

Using the diagram below, determine the measurement at each letter to the nearest 1/16. Be sure to put your answers in lowest terms.



A **$\frac{3}{16}$**

B **$\frac{1}{2}$**

C **$1 \frac{5}{8}$**

D **$1 \frac{3}{4}$**

E **$2 \frac{3}{8}$**

F **$2 \frac{7}{16}$**

G **$3 \frac{1}{4}$**

H **$4 \frac{1}{8}$**

I **$4 \frac{5}{16}$**

J **5**

K **$5 \frac{11}{16}$**

L **$6 \frac{7}{8}$**

Using 1/16 Inch Fractions

Name _____

Class _____

Date _____

Part I: REDUCE

Directions: For each measurement, fill in the blanks in each fraction. All measurements are in inches. You may use the blank space to the right of the problems to show your work.

A. $\frac{1}{2} = \frac{\quad}{4} = \frac{\quad}{8} = \frac{\quad}{16}$

B. $\frac{1}{4} = \frac{\quad}{8} = \frac{\quad}{16}$

C. $\frac{3}{4} = \frac{\quad}{8} = \frac{\quad}{16}$

D. $\frac{2}{2} = \frac{\quad}{4} = \frac{\quad}{8} = \frac{\quad}{16}$

Part II: SIMPLIFY

Directions: For each measurement, simplify each fraction in lowest terms. Do not use decimals. Answers must be in whole number and/or fraction form. All measurements are in inches. You may use the blank space to the right of the problems to show your work.

E. $\frac{4}{8} =$ _____

F. $\frac{12}{16} =$ _____

G. $\frac{10}{16} =$ _____

H. $\frac{3}{2} =$ _____

I. $\frac{11}{4} =$ _____

Reading a 1/16 Ruler Practice 1

Name _____

Class _____

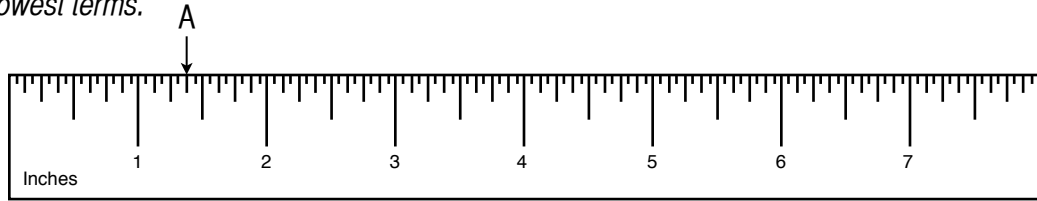
Date _____

Part I

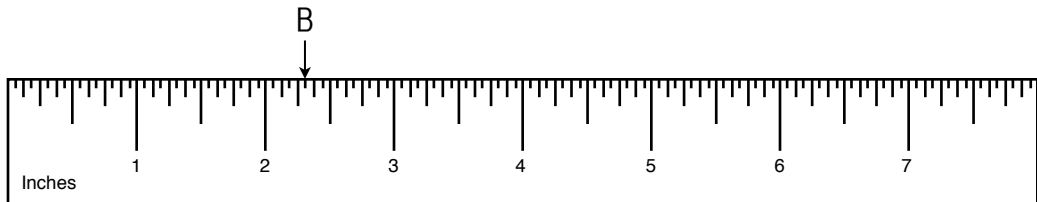
Directions:

Determine the measurement from zero to the marked point on each ruler to the nearest 1/16. Be sure to put your answers in lowest terms.

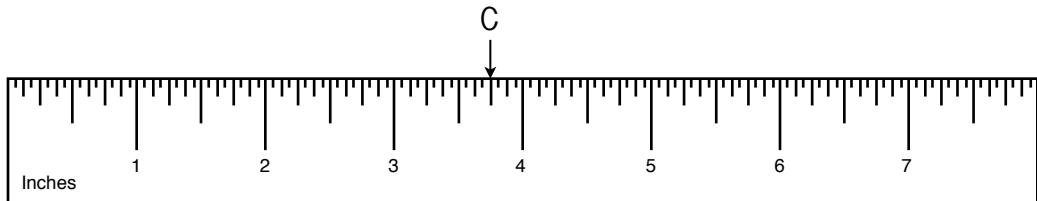
A



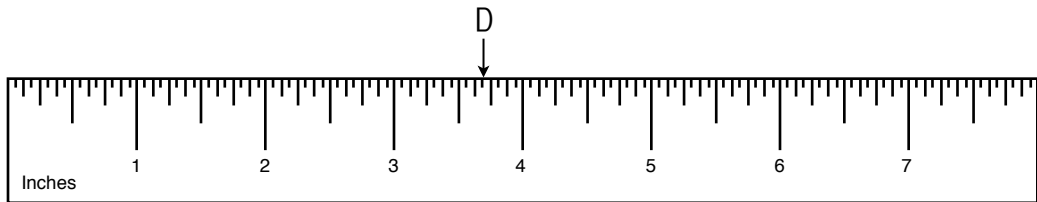
B



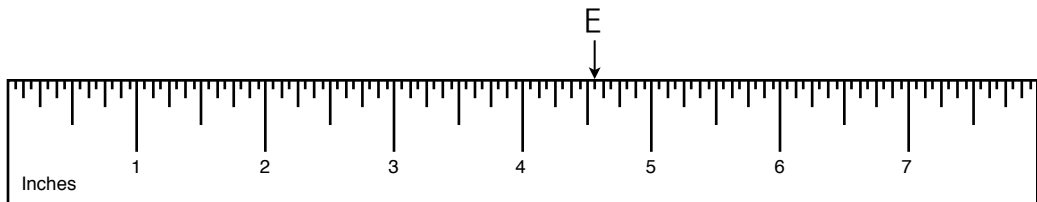
C



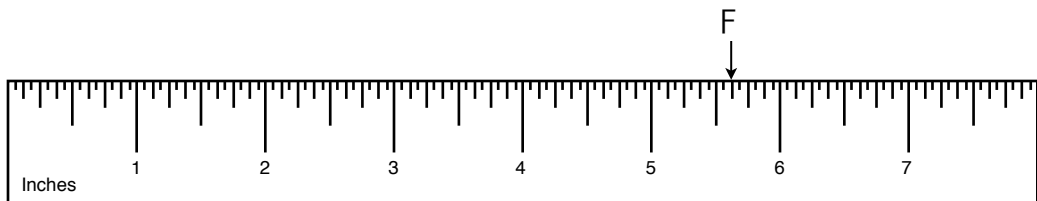
D



E



F



Reading a 1/16 Ruler Practice 1

Name _____

Class _____

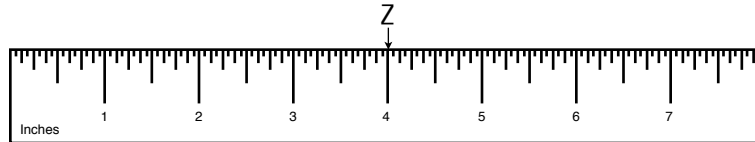
Date _____

Part II

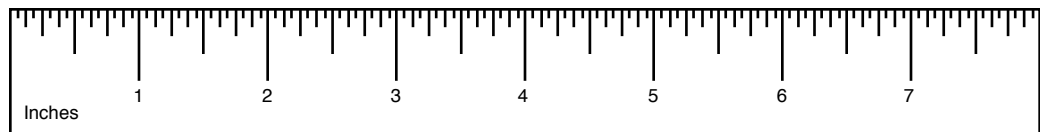
Directions: On each ruler, draw an arrow to the correct place for the given measurement. All measurements begin at zero.

EXAMPLE:

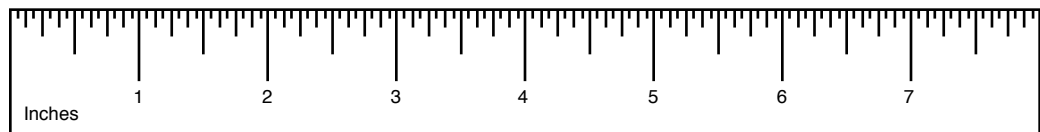
Z **4"**



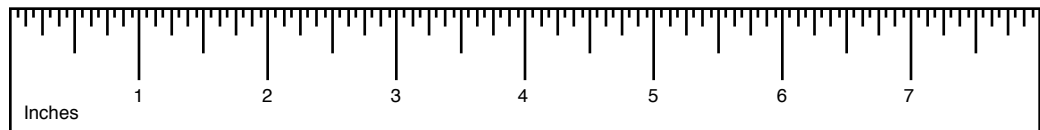
G **1 3/8"**



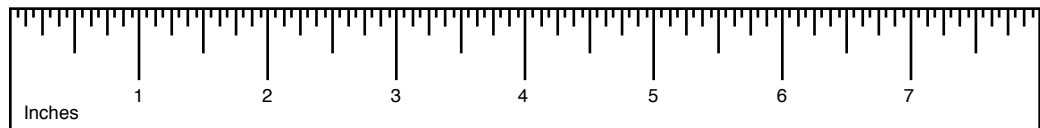
H **2 1/4"**



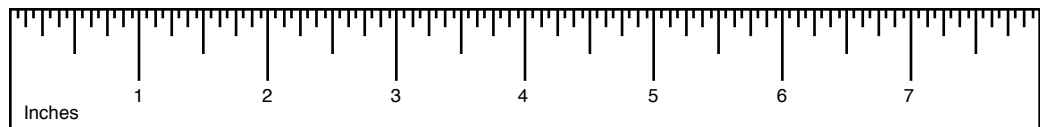
I **3 3/16"**



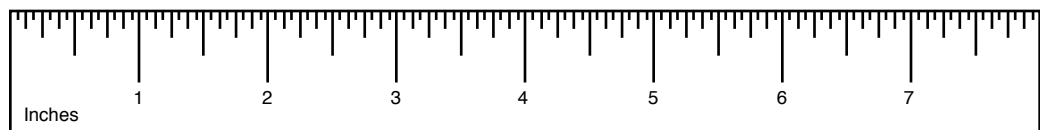
J **4 7/16"**



K **5 5/8"**



L **3 15/16"**



Reading a 1/16 Ruler Practice 2

Name _____

Class _____

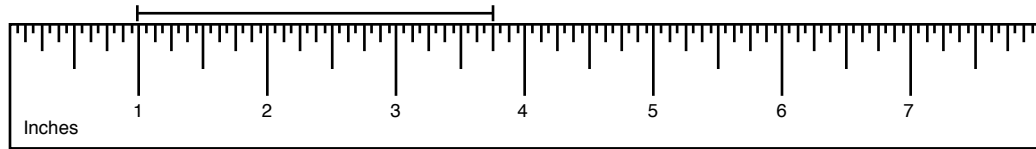
Date _____

Part I

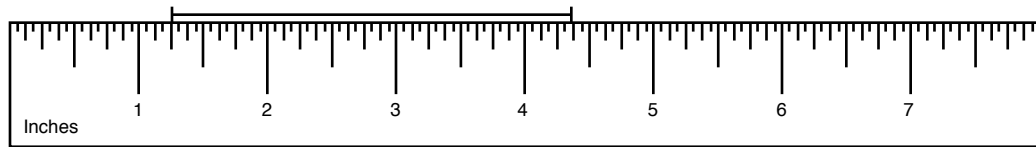
Directions:

Determine the measurement of each line from start to end point to the nearest $\frac{1}{16}$. Be sure to put your answers in lowest terms.

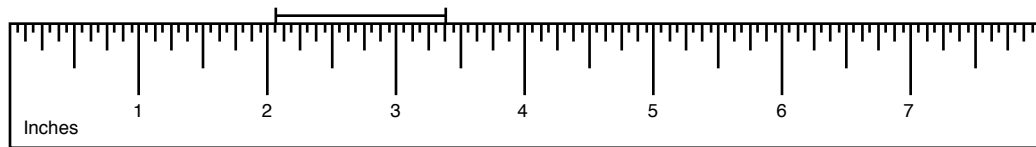
A



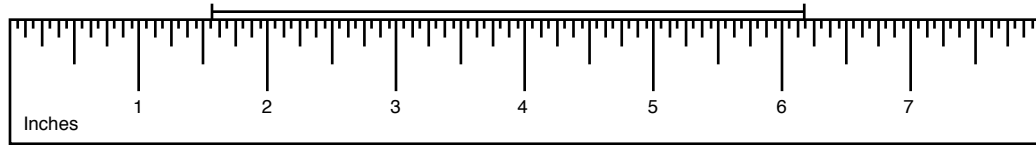
B



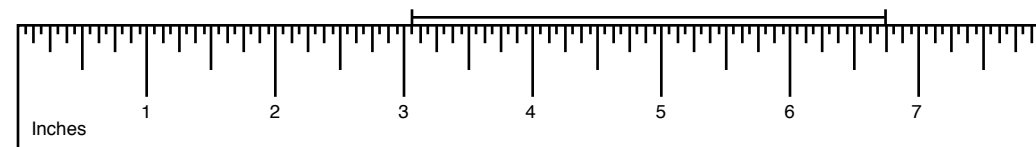
C



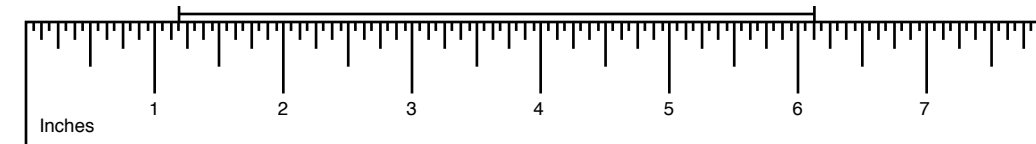
D



E



F



Reading a 1/16 Ruler Practice 2

Name _____

Class _____

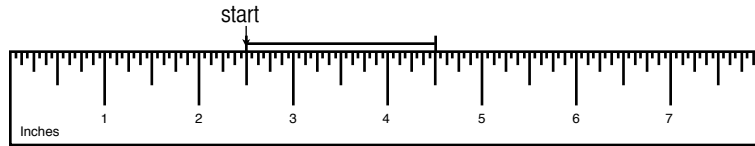
Date _____

Part II

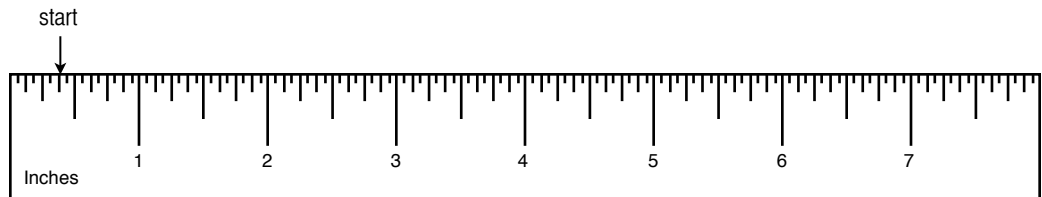
Directions:

For each measurement, a starting point is given, draw a line to the correct end point as shown in the example.

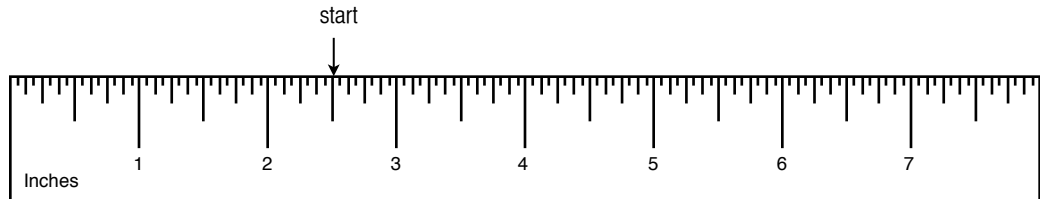
Y **2"**



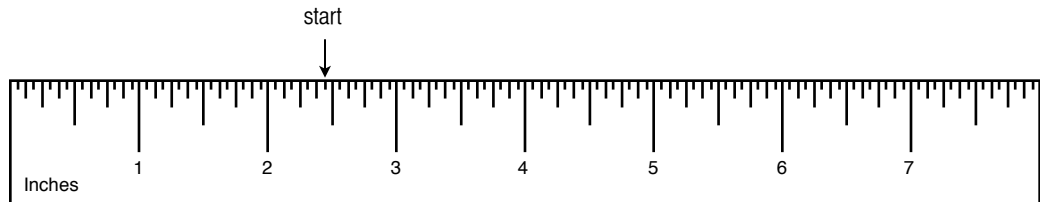
G **3 3/8"**



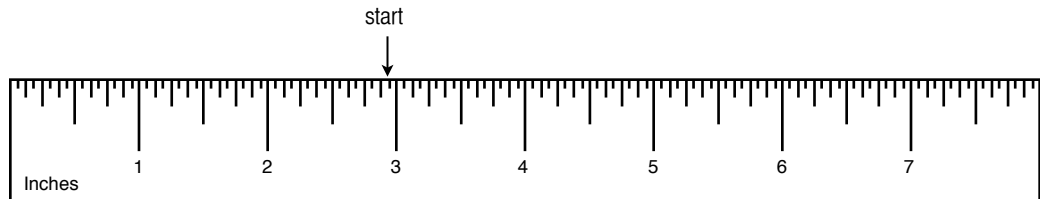
H **2 9/16"**



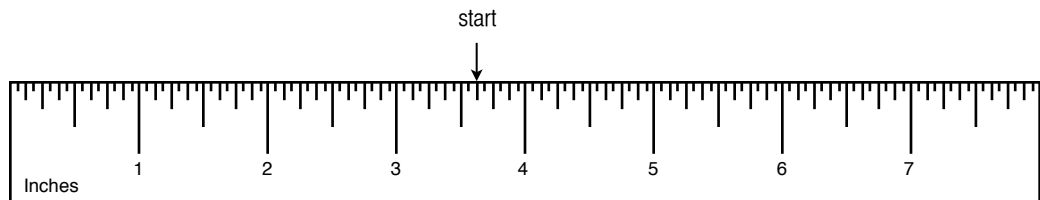
I **3 1/4"**



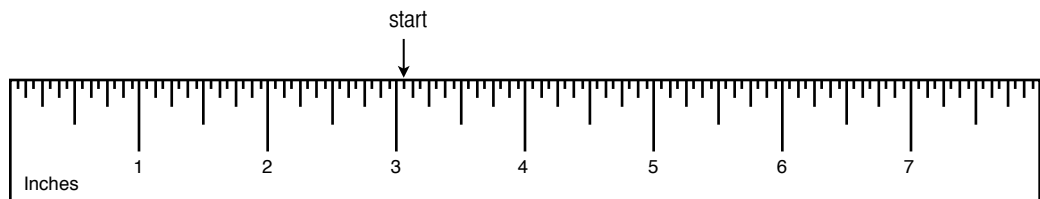
J **1 15/16"**



K **2 7/8"**



L **1 3/16"**



Using 1/16 Measurements Practice 1

Name _____

Class _____

Date _____

Directions: For each set of measurements, add, subtract, or multiply them together as directed to get a total measurement. Do not use decimals. Answers must be in whole number and/or fraction form. Be sure to put your answers in lowest terms. All measurements are in inches. You may use the blank space to the right of the problems to show your work.

Part I: ADDING MEASUREMENTS

A. $3 + 1 \frac{3}{8} =$ _____

B. $2 \frac{1}{8} + 2 \frac{1}{8} =$ _____

C. $4 \frac{1}{16} + 2 \frac{3}{16} =$ _____

D. $\frac{3}{8} + \frac{5}{16} =$ _____

E. $1 \frac{3}{4} + \frac{5}{8} + 2 \frac{7}{16} =$ _____

Part II: SUBTRACTING MEASUREMENTS

F. $3 - 1 \frac{3}{8} =$ _____

G. $4 \frac{1}{4} - \frac{3}{16} =$ _____

H. $5 \frac{7}{8} - 1 \frac{9}{16} =$ _____

I. $1 \frac{15}{16} - \frac{3}{4} =$ _____

J. $6 \frac{1}{2} - \frac{5}{8} - 1 \frac{5}{16} =$ _____

Part III: MULTIPLYING MEASUREMENTS

K. $2 \times \frac{3}{8} =$ _____

L. $3 \times 1 \frac{5}{16} =$ _____

Using 1/16 Measurements Practice 2

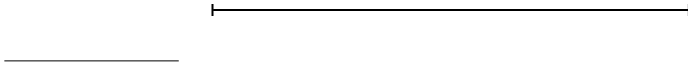
Name _____

Class _____

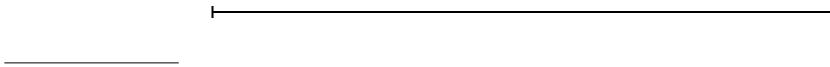
Date _____

Directions: Using a ruler, measure each line to the closest 1/16 of an inch from outside mark to outside mark. Do not use decimals. Answers must be in whole number and/or fraction form. Be sure to put your answers in lowest terms.

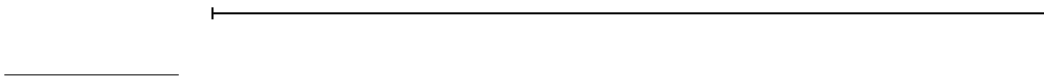
A



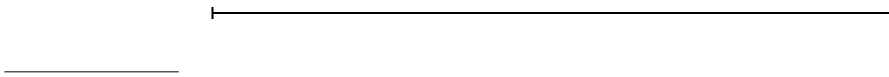
B



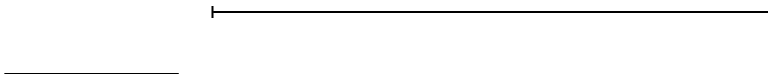
C



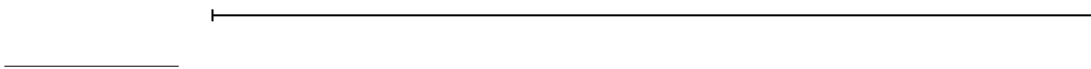
D



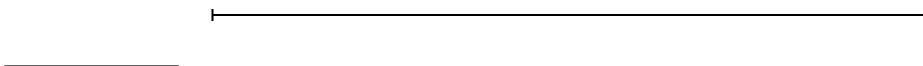
E



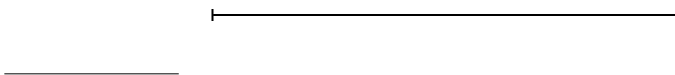
F



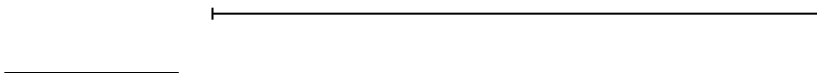
G



H



I



J

