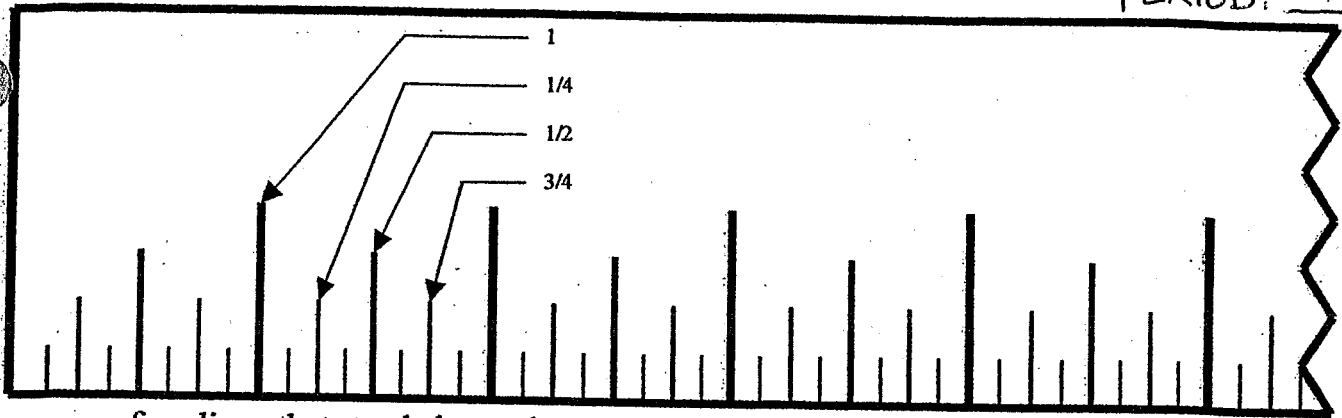


Understanding the long lines on a ruler.



There are four lines that stand above the others on a ruler. They are the $\frac{1}{4}$ " , $\frac{1}{2}$ " , $\frac{3}{4}$ " , and inch lines. Measuring will become much easier and quicker if you can quickly identify these lines. The inch lines are the easiest to identify because they are the longest lines on the ruler. The $\frac{1}{2}$ " lines are the next tallest lines. The $\frac{1}{2}$ " lines are half way between the inch lines. The next longest lines are the $\frac{1}{4}$ " and $\frac{3}{4}$ " lines. These lines are half way between the inch lines and the $\frac{1}{2}$ " lines.

Another way to think about it

How many quarters are in a dollar? Think of these longer lines as quarters.

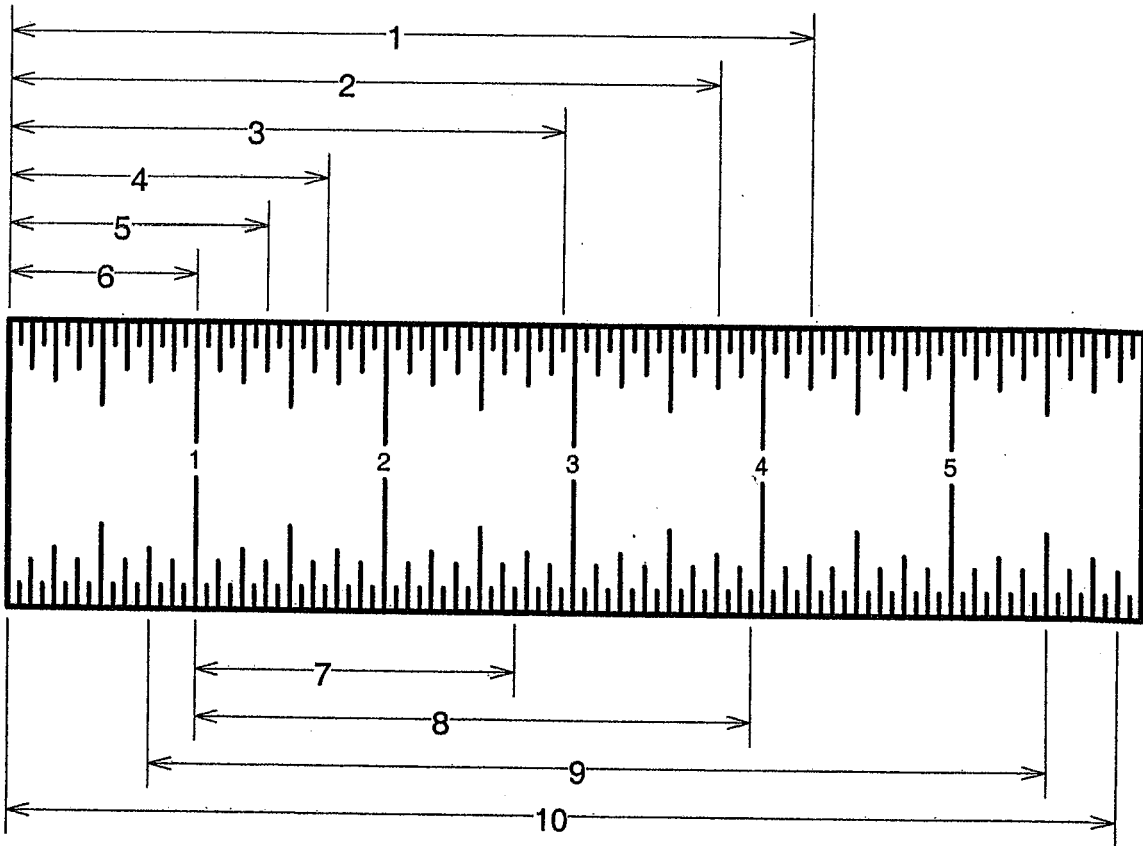
$\frac{1}{4} = \text{one quarter} = .25$	$\frac{1}{2} = \text{two quarters} = .50$	$\frac{3}{4} = \text{three quarters} = .75$	$\frac{4}{4} = 1 = 1.00$
--	---	---	--------------------------

Measure the following lines and write your answer at the end of each line. Reduce fractions.

- 1 _____
- 2 _____
- 3 _____
- 4 _____
- 5 _____
- 6 _____
- 7 _____
- 8 _____

NAME: _____

PERIOD: _____



Length of #1= _____
Length of #2= _____
Length of #3= _____
Length of #4= _____
Length of #5= _____
Length of #6= _____
Length of #7= _____
Length of #8= _____
Length of #9= _____
Length of #10= _____

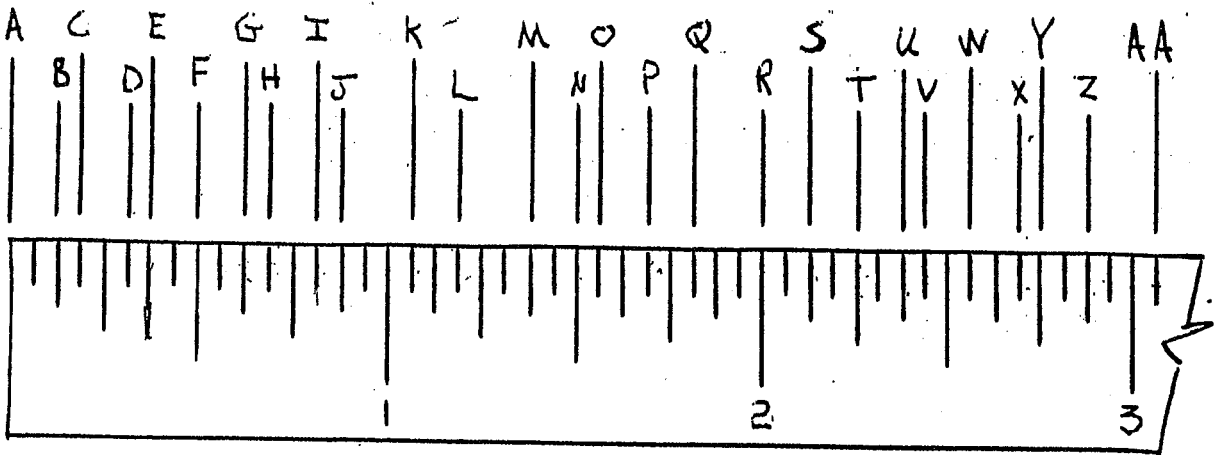
Length of #11= _____
Length of #12= _____
Length of #13= _____
Length of #14= _____
Length of #15= _____
Length of #16= _____
Length of #17= _____
Length of #18= _____
Length of #19= _____
Length of #20= _____

11 _____
12 _____
13 _____
14 _____
15 _____
16 _____
17 _____
18 _____
19 _____
20 _____

Name _____

Period _____

Ruler Reading #1



- | | |
|---------------------|---------------------|
| 1. A to B is _____ | 11. A to H is _____ |
| 2. A to T is _____ | 12. A to N is _____ |
| 3. A to R is _____ | 13. A to D is _____ |
| 4. A to E is _____ | 14. A to S is _____ |
| 5. A to V is _____ | 15. A to C is _____ |
| 6. A to K is _____ | 16. A to U is _____ |
| 7. A to P is _____ | 17. A to F is _____ |
| 8. A to I is _____ | 18. A to Z is _____ |
| 9. A to AA is _____ | 19. A to X is _____ |
| 10. A to G is _____ | 20. A to L is _____ |

A. _____

B. _____

C. _____

D. _____

E. _____

F. _____

G. _____

H. _____

I. _____

J. _____

K. _____

L. _____

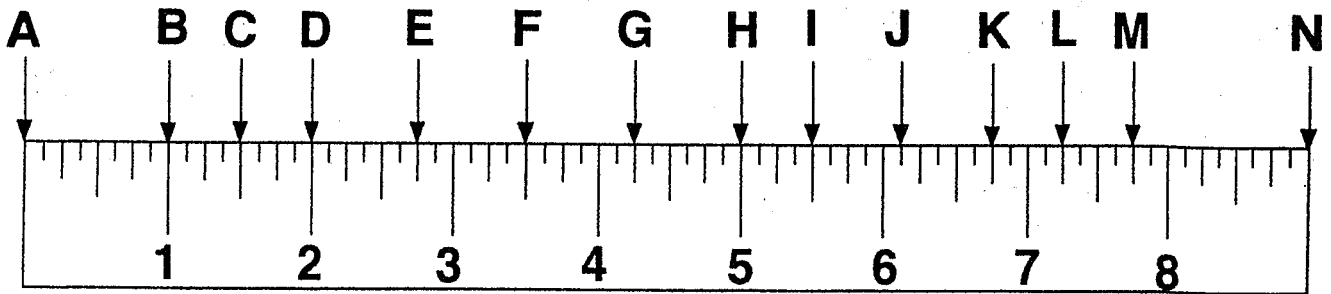
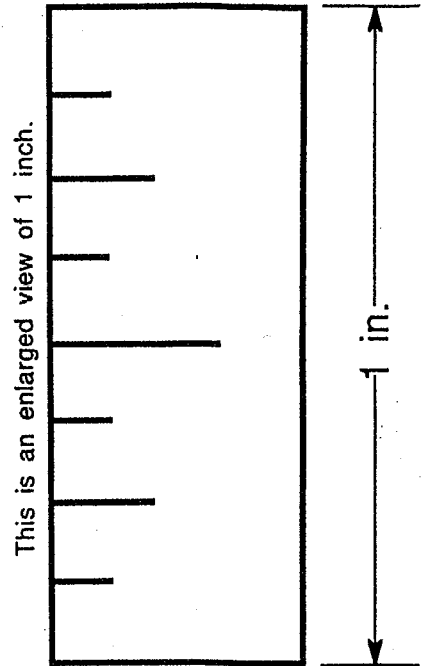
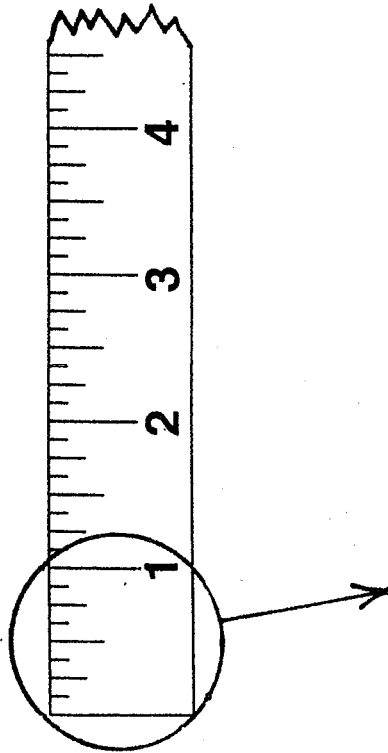
M. _____

MEASURE EACH LINE AND
RECORD YOUR READING
IN THE SUITABLE BLANK
ON THE LEFT.

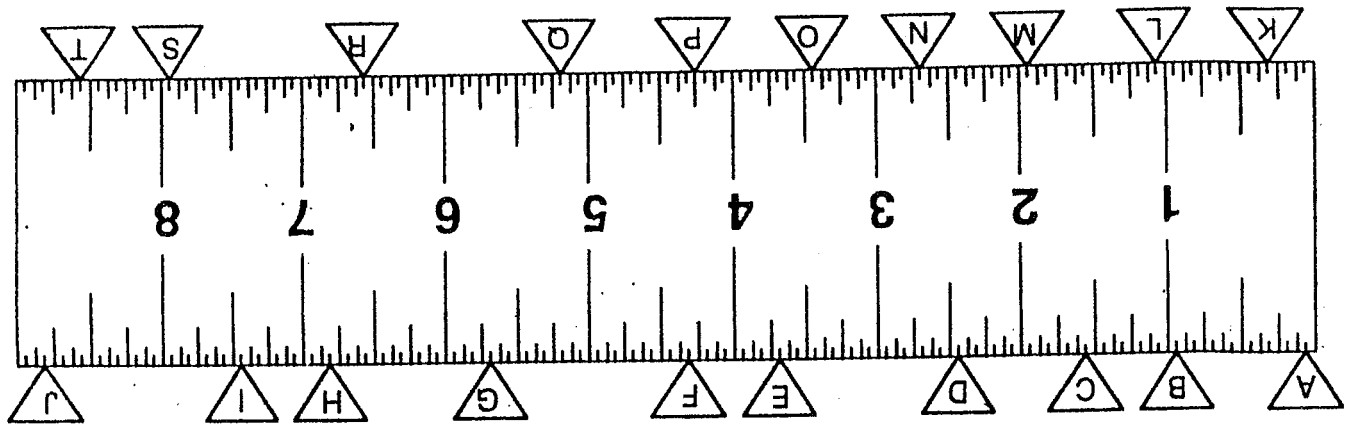
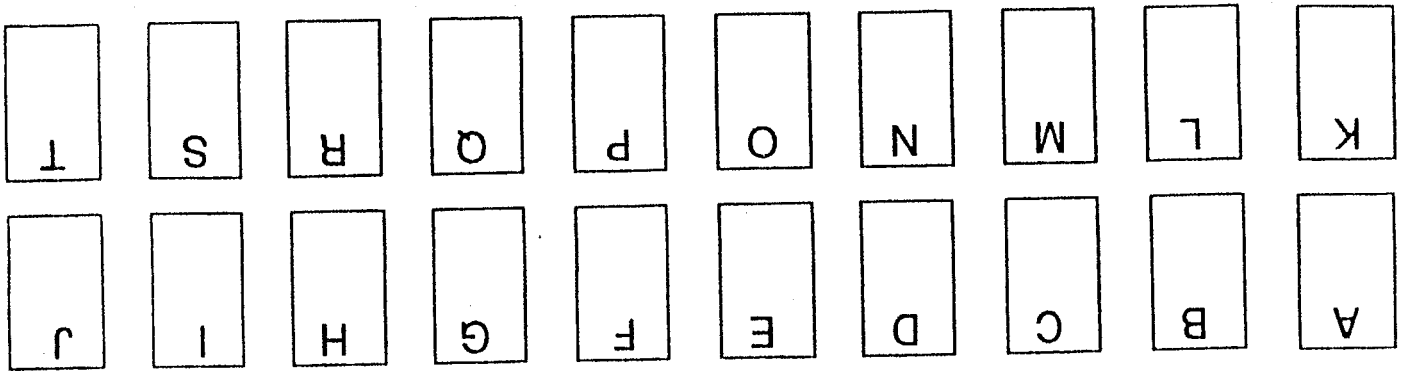
5-2

On the ruler below, please do the following:

- 1.) Draw an "X" below the line that divides this inch in half.
- 2.) Place a "✓" below the lines that are 1/8", 3/8", 5/8", and 7/8".
- 3.) Place a "●" below the lines that are 1/4" and 3/4".
- 4.) Draw in the lines that are needed to divide the inch into 16 equal parts.

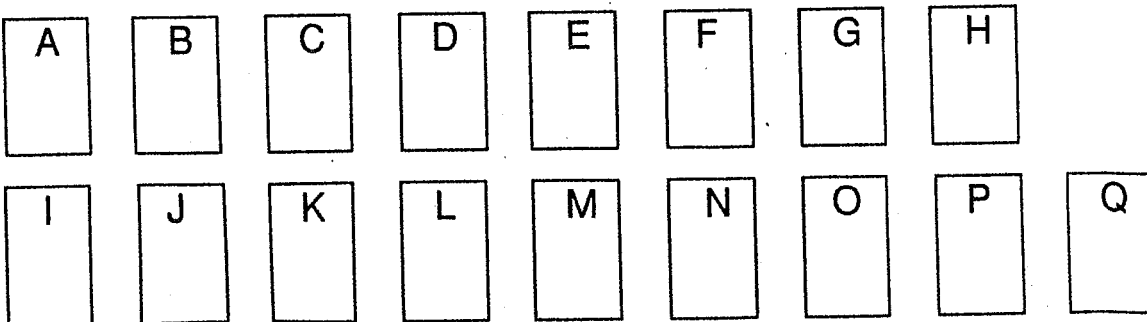
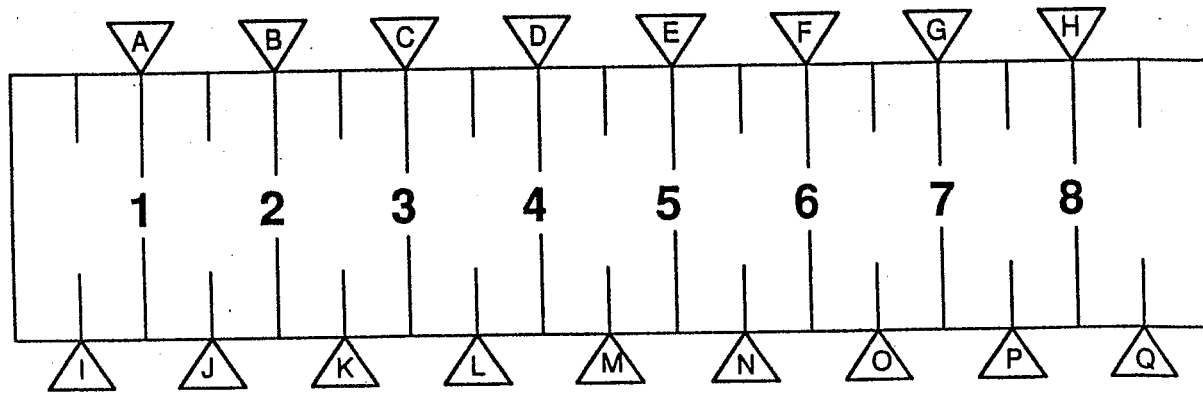


- | | | | |
|-----------|-----------|-----------|-----------|
| A-B _____ | C-D _____ | E-F _____ | G-I _____ |
| A-C _____ | C-H _____ | E-H _____ | G-H _____ |
| A-D _____ | C-E _____ | E-N _____ | G-M _____ |
| B-E _____ | D-I _____ | F-I _____ | H-J _____ |
| B-F _____ | D-N _____ | F-N _____ | H-N _____ |
| B-G _____ | D-K _____ | F-K _____ | H-K _____ |

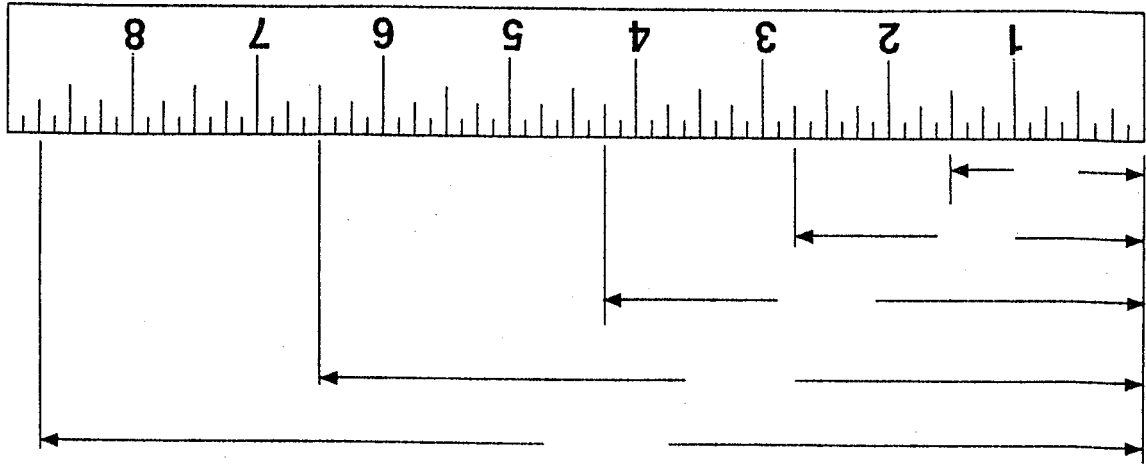
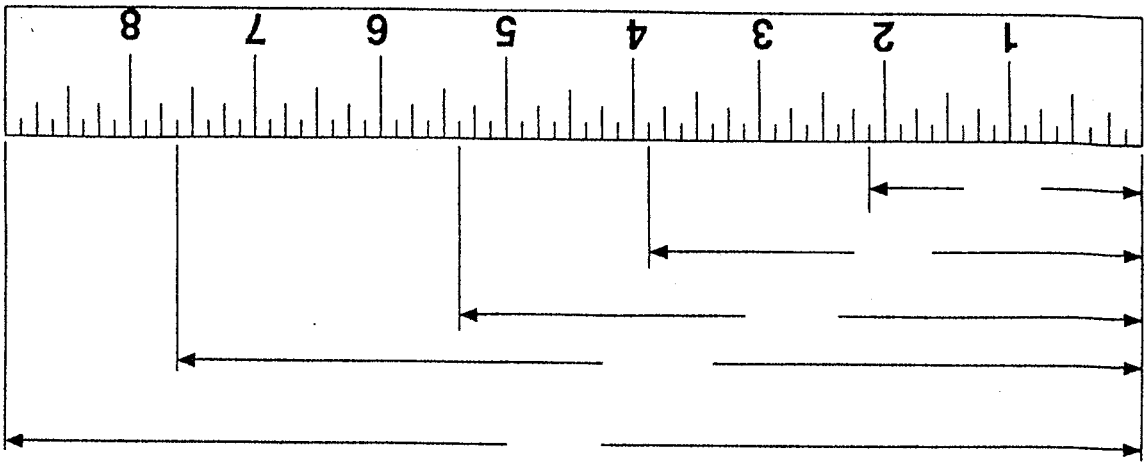


READING A RULER TO THE 1/16 INCH

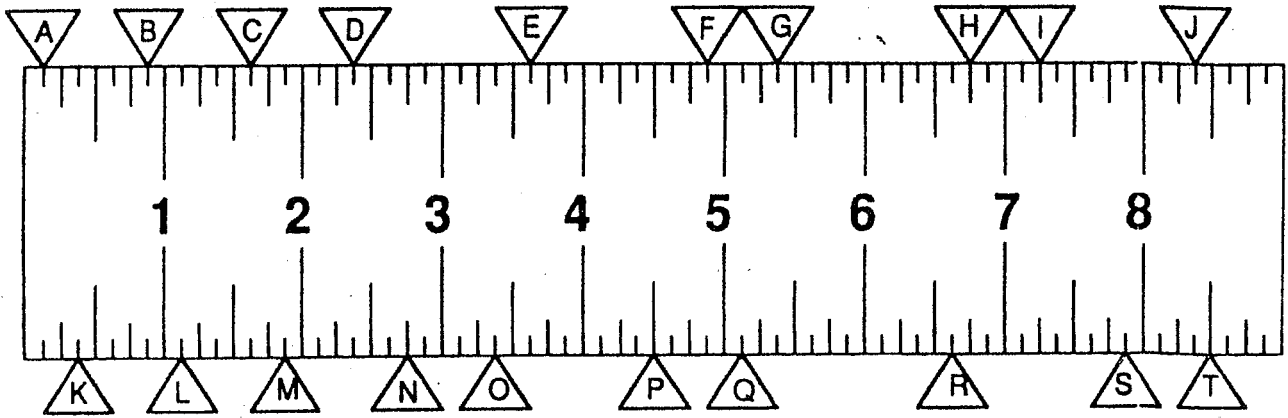
READING A RULER TO THE 1/2 INCH



LIST 3 OCCUPATIONS WHERE
 PEOPLE ARE REQUIRED TO READ A
 RULER: _____



READING A RULER TO THE 1/8 INCH

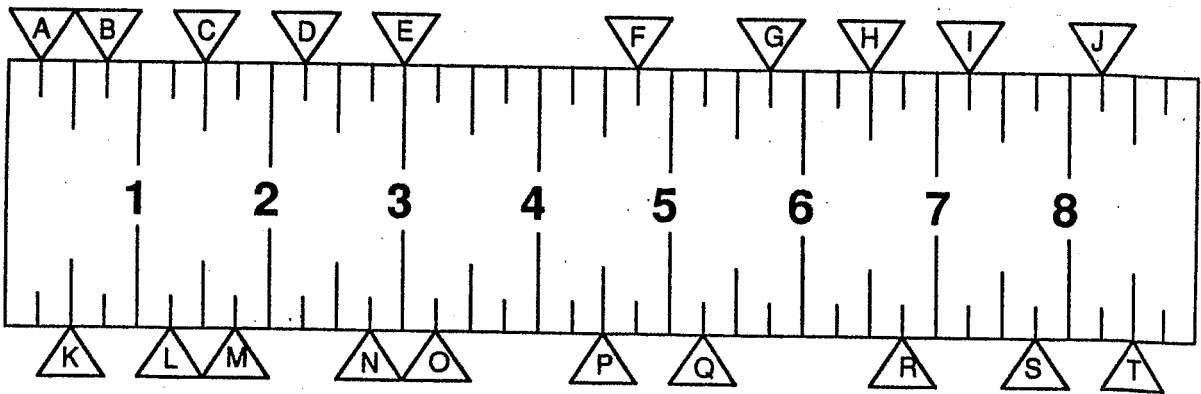


A	B	C	D	E	F	G	H	I	J
K	L	M	N	O	P	Q	R	S	T

IN THE SPACES BELOW DRAW LINES THE FOLLOWING LENGTHS:

- 1.) 3"
- 2.) 1 1/2"
- 3.) 2 3/4"
- 4.) 3/4"
- 5.) 1 7/8"
- 6.) 2 5/16"
- 7.) 1 7/16"
- 8.) 3 3/16"
- 9.) 2 9/16"
- 10.) 15/16"

READING A RULER TO THE 1/4 INCH



A	B	C	D	E	F	G	H	I	J
K	L	M	N	O	P	Q	R	S	T