

JONES COUNTY CAREER-TECHNICAL CENTER

REX BUCKHAULTS, DIRECTOR
AMANDA JONES, ADM. ASSISTANT
DEBRA BUSH, COUNSELOR

2409 MOOSE DRIVE
LAUREL, MS 39440
PHONE: 601.425.2378 FAX: 601.425.2349

April 27, 2020

Dear Parents and Career Tech Students:

As we work towards the end of the school year the Faculty, Staff and Administration of the Jones County Career Technical Center, is providing additional enrichment activities for our students and support for our parents as we continue through these difficult times.

The following Part 2 enrichment activities will allow students to continue reviewing the instruction that they already have received this year.

Again you will find questions with answers for you to study and review. There are no assignments to be returned to school.

If the JCCTC can be of any assistance to our students and parents with the enrichment activities, please feel free to call us at 601-425-2378 between the hours of 9:00 a.m. and 1:00 p.m. or contact the instructor by email. Email addresses are located under the program name on our webpage.

Sincerely,



Rex Buckhaults
Director, JCCTC

Name: _____ Date: _____

Instructions: Identify the correct linetype by placing the correct letter in the blank provided.

A. Construction lines

G. Center Line

B. Border line

H. Cutting Plane Line

C. Object Line

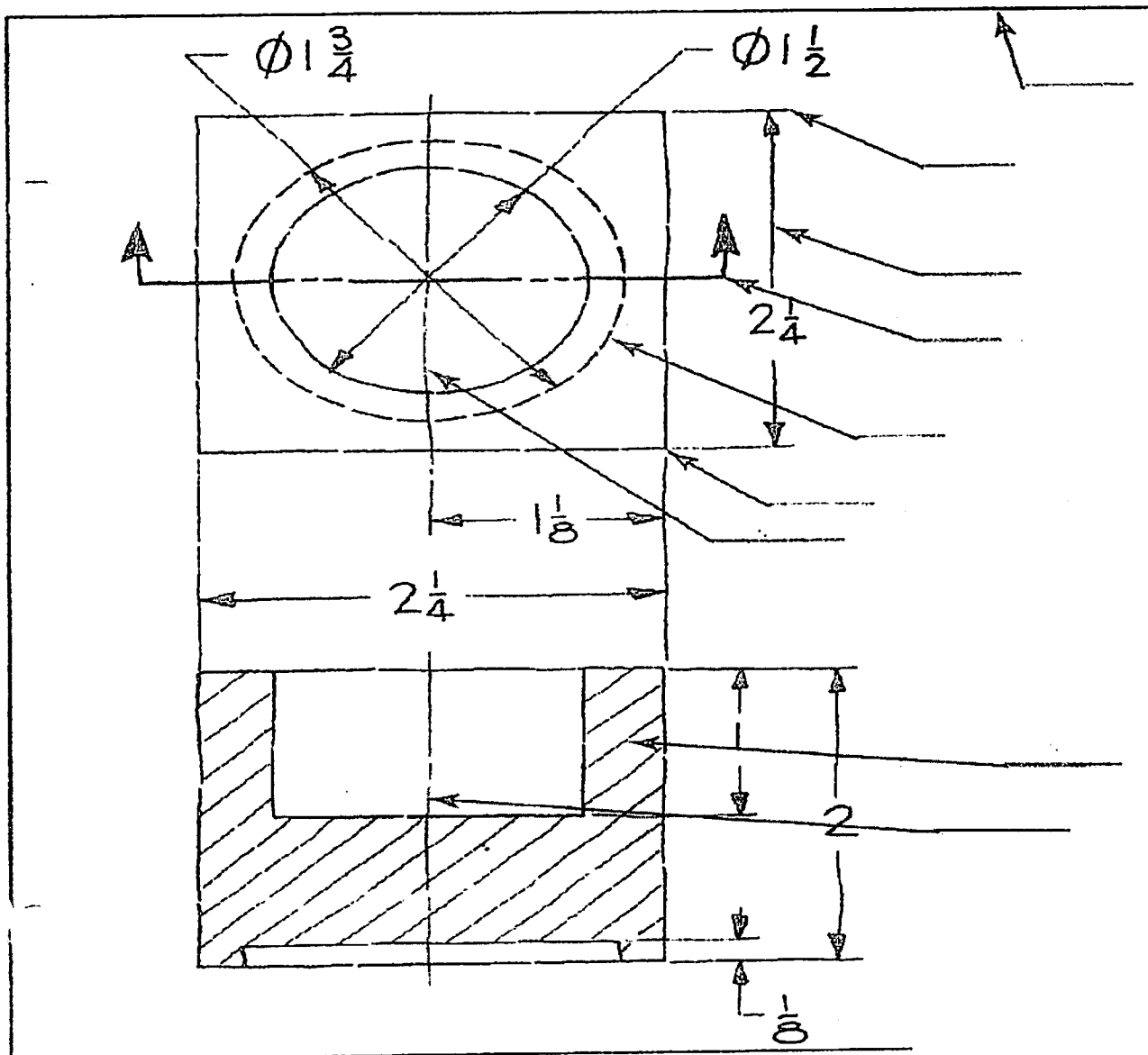
J. Section Line

D. Dimension line

K. Phantom Line

E. Extension Line

F. Hidden Line



Name: KEY Date: _____

Instructions: Identify the correct linetype by placing the correct letter in the blank provided.

A. Construction lines

G. Center Line

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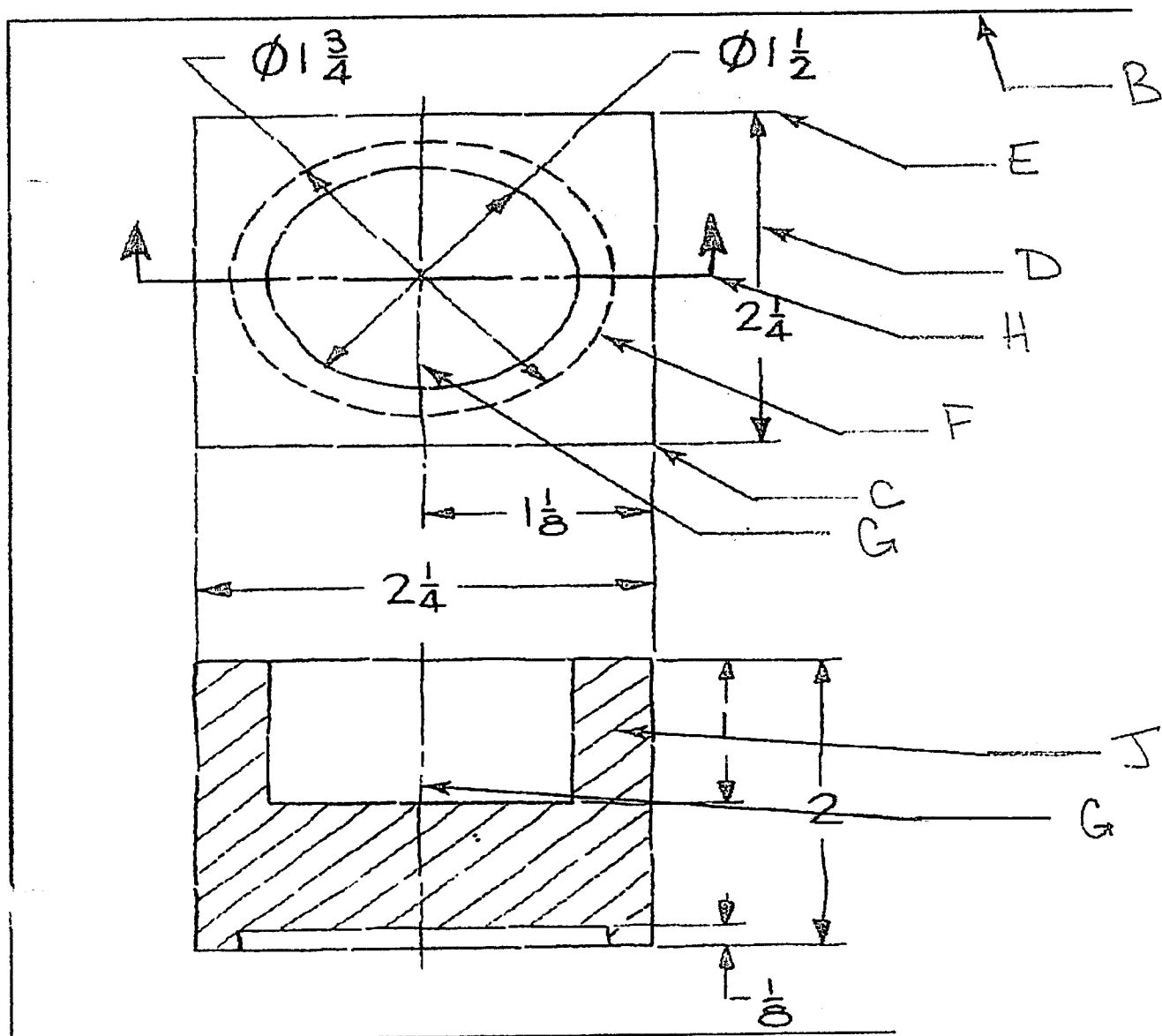
J. Section Line

D. Dimension line

K. Phantom Line

E. Extension Line

F. Hidden Line





Quiz 4B

Drafting Equipment

Name _____

Date _____ Section _____ Score _____

Match the following statements with the correct terms. Place the appropriate letter in each blank.

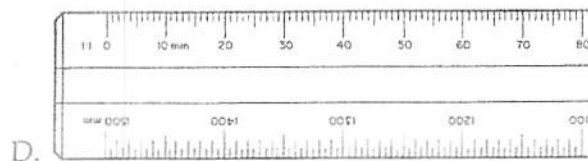
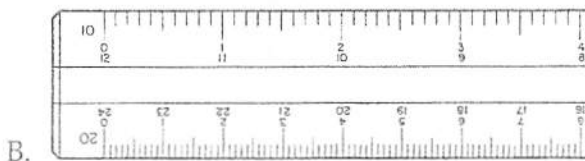
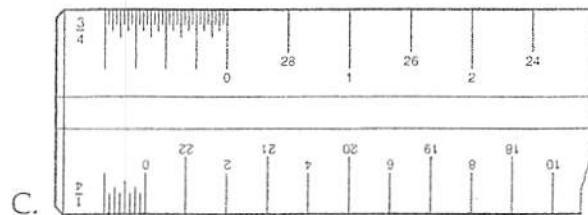
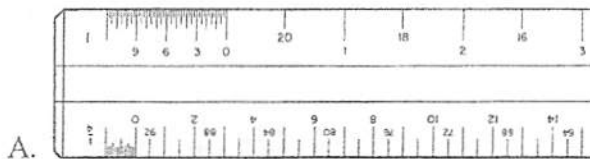
- _____ 1. Used to draw horizontal lines.
- _____ 2. Circles and arcs are drawn with this tool.
- _____ 3. Two of these are commonly used in drafting to draw vertical and inclined lines.
- _____ 4. Distances are subdivided and measurements are transferred with it.
- _____ 5. Used to measure angles.
- _____ 6. Has openings of different shapes and sizes.
- _____ 7. Used to make measurements that are full size or larger or smaller than full size.

- A. Template
- B. Protractor
- C. Scale
- D. T-square

- E. Compass
- F. Triangle
- G. Dividers

8. Identify the four drafting scales shown below.

- 8. A. _____
- B. _____
- C. _____
- D. _____



9. The best way to attach drafting media to a drawing board is to use _____. 9. _____
- A. staples
 - B. thumbtacks
 - C. rubber cement
 - D. drafting tape
10. The whole number divisions on an architect's scale represent _____. 10. _____
- A. inches
 - B. feet
 - C. millimeters
 - D. meters
11. RAM is an abbreviation for what computer term? _____
- _____



Quiz 4B

Drafting Equipment

Name Key Date _____ Section _____ Score _____

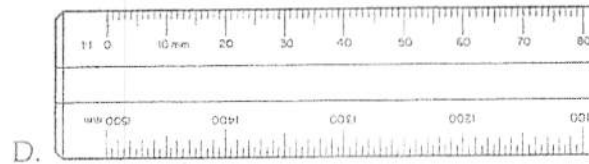
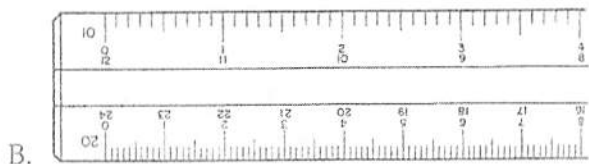
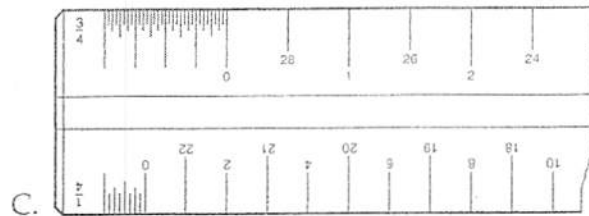
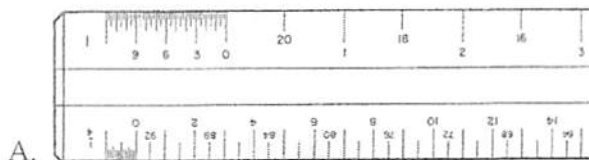
Match the following statements with the correct terms. Place the appropriate letter in each blank.

- D 1. Used to draw horizontal lines.
E 2. Circles and arcs are drawn with this tool.
F 3. Two of these are commonly used in drafting to draw vertical and inclined lines.
G 4. Distances are subdivided and measurements are transferred with it.
B 5. Used to measure angles.
A 6. Has openings of different shapes and sizes.
C 7. Used to make measurements that are full size or larger or smaller than full size.

- A. Template
B. Protractor
C. Scale
D. T-square
E. Compass
F. Triangle
G. Dividers

8. Identify the four drafting scales shown below.

8. A. Architect's
B. Engineer's
C. Mechanical drafter's
D. Metric



9. The best way to attach drafting media to a drawing board is to use _____.
A. staples
B. thumbtacks
C. rubber cement
D. drafting tape
10. The whole number divisions on an architect's scale represent _____.
A. inches
B. feet
C. millimeters
D. meters
11. RAM is an abbreviation for what computer term? Random Access Memory



Quiz 5B

Drafting Techniques

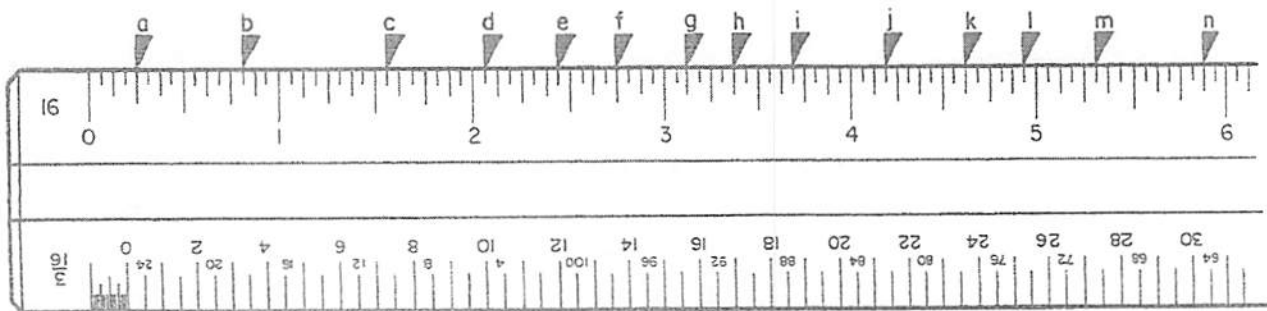
Name _____

Date _____ Section _____ Score _____

Carefully read each question before answering it. Write your answer in the space provided.

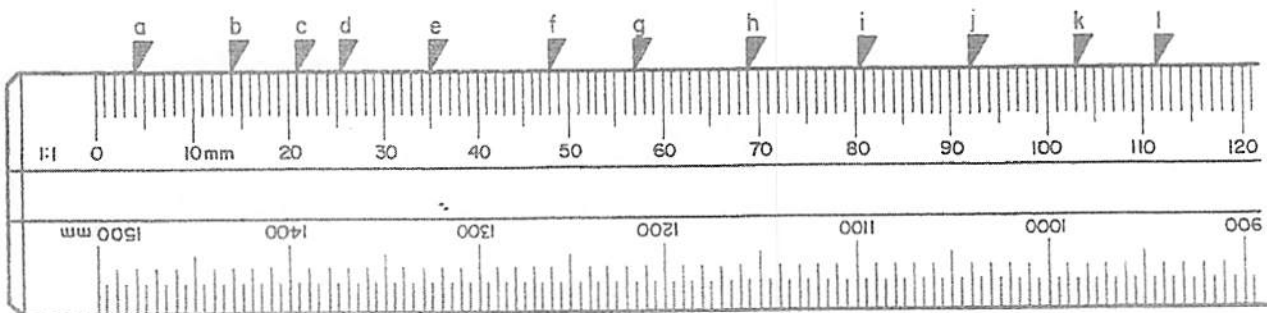
1. Read the measurements shown below. Reduce fractions to the lowest terms.

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



2. Read the measurements on the metric scale shown below.

- | | | | |
|----------|----------|----------|----------|
| A. _____ | D. _____ | G. _____ | J. _____ |
| B. _____ | E. _____ | H. _____ | K. _____ |
| C. _____ | F. _____ | I. _____ | L. _____ |





Quiz 5B

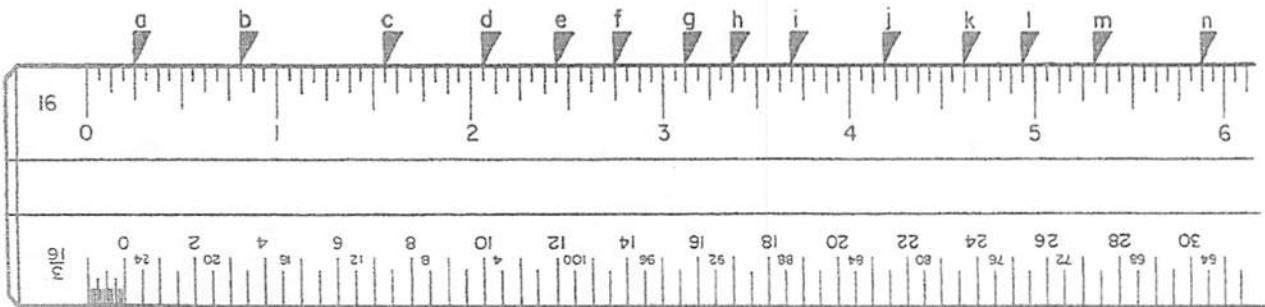
Drafting Techniques

Name Key
Date _____ Section _____ Score _____

Carefully read each question before answering it. Write your answer in the space provided.

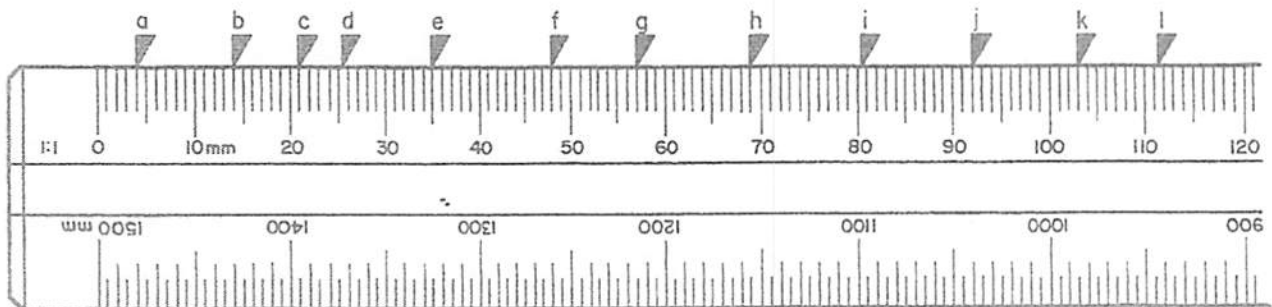
1. Read the measurements shown below. Reduce fractions to the lowest terms.

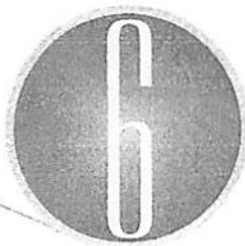
- | | | | | |
|--------------------|-------------------|-------------------|-------------------|-------------------|
| A. $\frac{1}{4}$ | D. $\frac{2}{16}$ | G. $\frac{3}{8}$ | J. $\frac{4}{16}$ | M. $\frac{5}{16}$ |
| B. $\frac{13}{16}$ | E. $\frac{2}{16}$ | H. $\frac{3}{8}$ | K. $\frac{4}{8}$ | N. $\frac{5}{8}$ |
| C. $\frac{19}{16}$ | F. $\frac{2}{4}$ | I. $\frac{3}{16}$ | L. $\frac{4}{16}$ | |



2. Read the measurements on the metric scale shown below.

- | | | | |
|------------|------------|------------|-------------|
| A. 4.0 mm | D. 25.5 mm | G. 57.0 mm | J. 92.0 mm |
| B. 14.0 mm | E. 35.0 mm | H. 69.0 mm | K. 103.0 mm |
| C. 21.0 mm | F. 48.0 mm | I. 80.5 mm | L. 111.5 mm |





Quiz 6B

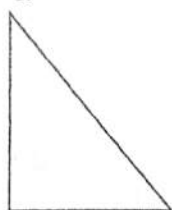
Basic Geometric Construction

Name _____

Date _____ Section _____ Score _____

Name each of the geometric figures shown below. Place your answer in the appropriate blank.

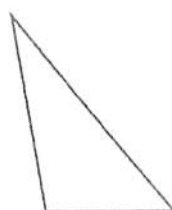
1.



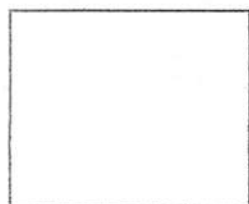
A.



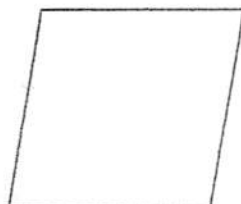
B.



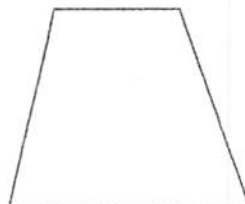
C.



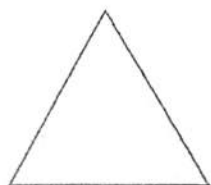
D.



E.



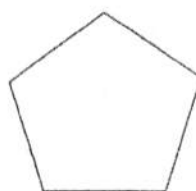
F.



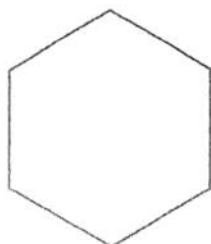
G.



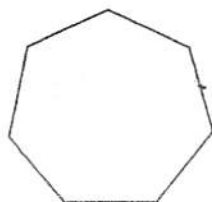
H.



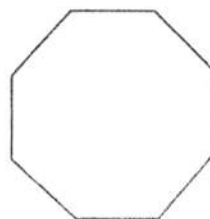
I.



J.



K.



L.

1. A. _____

B. _____

C. _____

D. _____

E. _____

F. _____

G. _____

H. _____

I. _____

J. _____

K. _____

L. _____



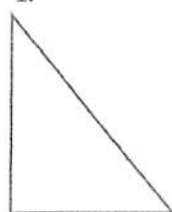
Quiz 6B

Basic Geometric Construction

Name Key
Date _____ Section _____ Score _____

Name each of the geometric figures shown below. Place your answer in the appropriate blank.

1.



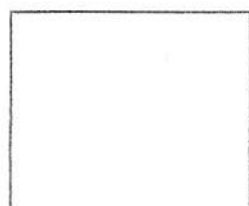
A.



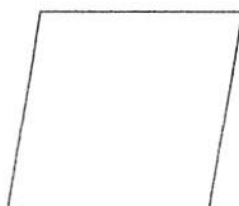
B.



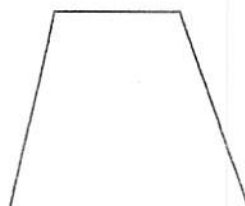
C.



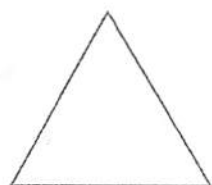
D.



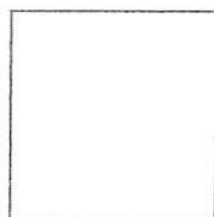
E.



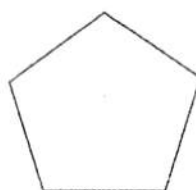
F.



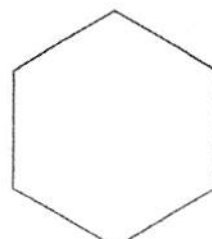
G.



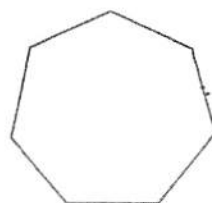
H.



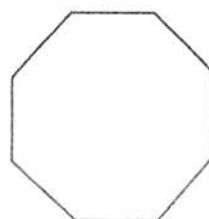
I.



J.



K.



L.

1. A. Right Triangle
B. Isosceles Triangle
C. Scalene Triangle
D. Rectangle
E. Rhomboid
F. Trapezoid
G. Equilateral Triangle
H. Square
I. Pentagon
J. Hexagon
K. Heptagon
L. Octagon