

TECH 1521
Graphics and Descriptive Geometry

Homework Packet 1

Name: _____

Date: _____

Grade Sheet – Packet 1

Sheet 1 _____

Sheet 2 _____

Sheet 3 _____

Sheet 4 _____

Sheet 5 _____

Sheet 6 _____

Sheet 7 _____

Sheet 8 _____

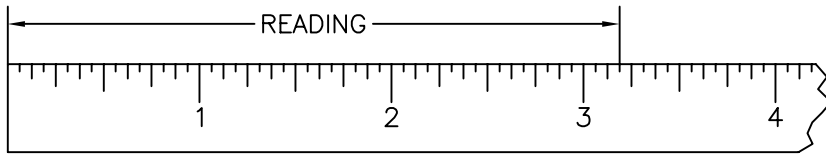
Sheet 9 _____

Sheet 11 _____ (do not turn in sheet 10)

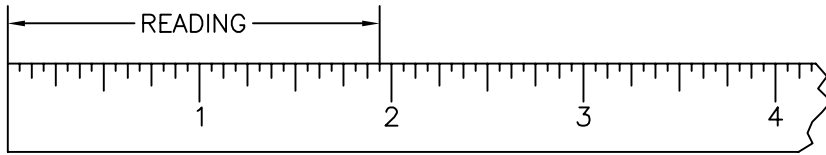
Average _____ (Before Adjustment)

Adjustment _____ (Neatness, Organization, Completeness)

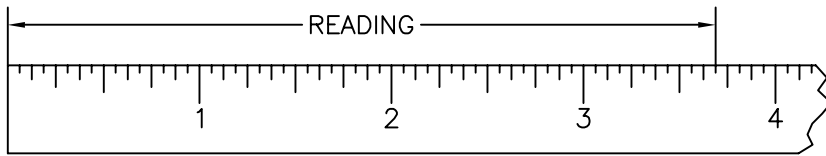
Final Grade _____



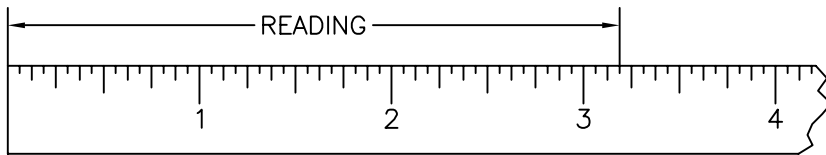
1 _____



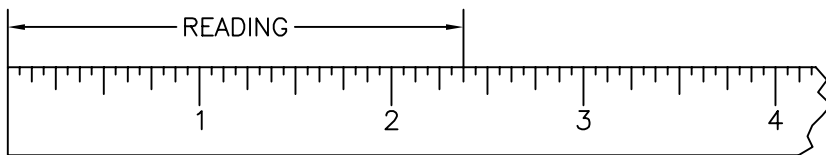
2 _____



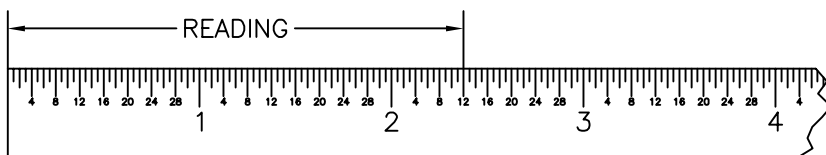
3 _____



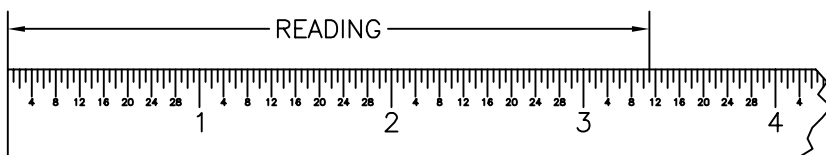
4 _____



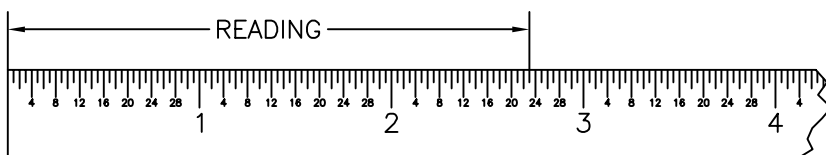
5 _____



6 _____



7 _____

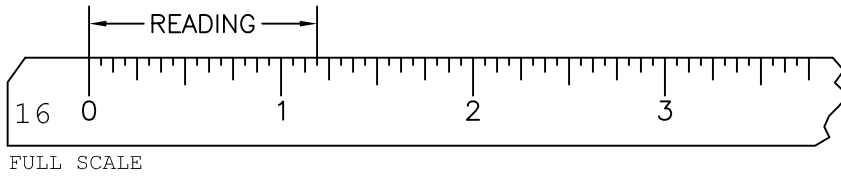


8 _____

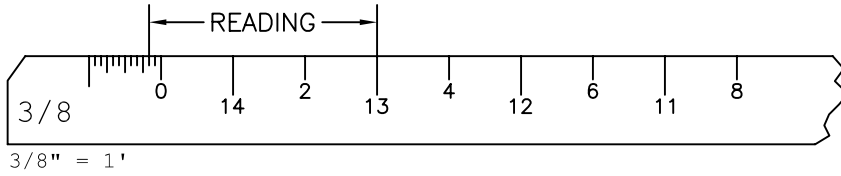
SHEET 001

GRADE _____

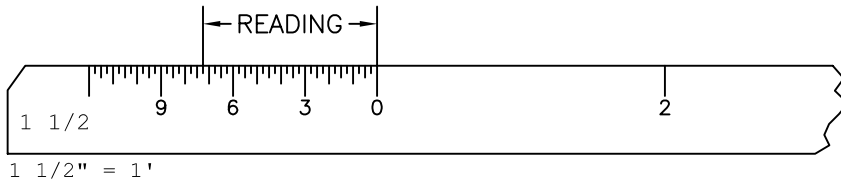
DETERMINE THE READINGS INDICATED AND PRINT
YOUR ANSWERS IN FEET AND INCHES.



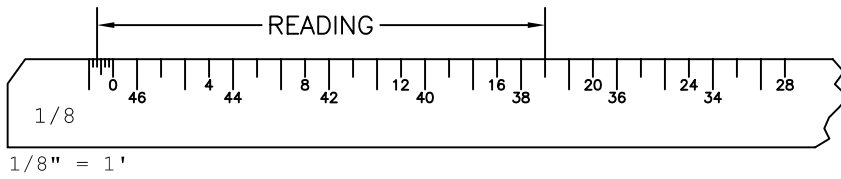
1 _____



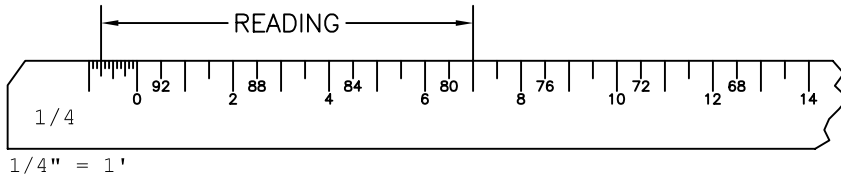
2 _____



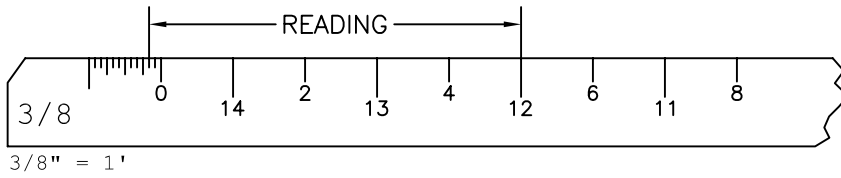
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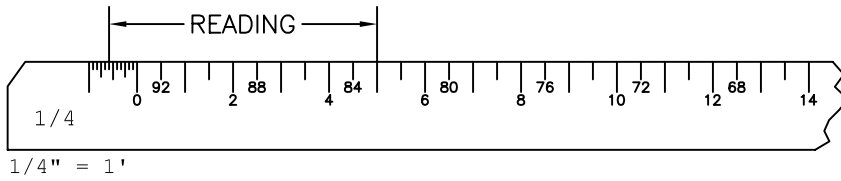
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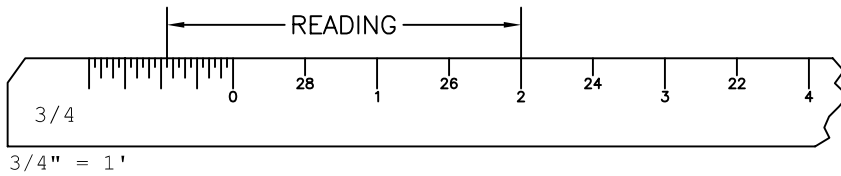
5 _____



6 _____



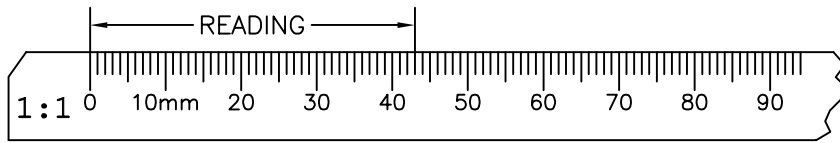
7 _____



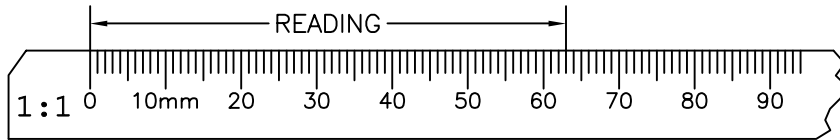
8 _____

SHEET 002
GRADE _____

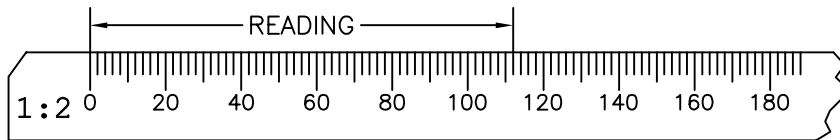
DETERMINE THE READINGS INDICATED AND PRINT
YOUR ANSWERS IN MILLIMETERS OR METERS.



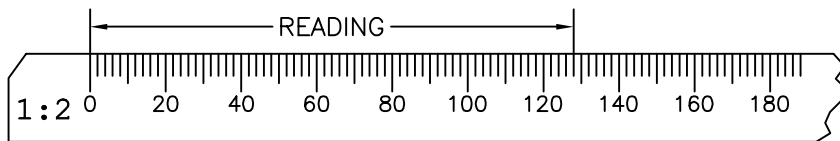
1 _____ mm



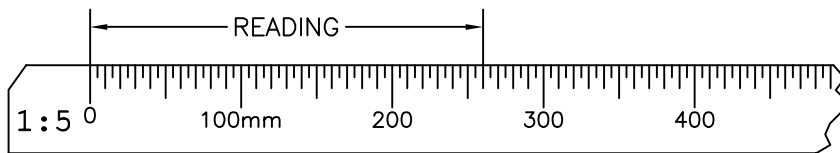
2 _____ mm



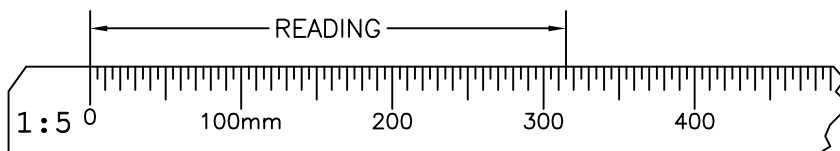
3 _____ mm



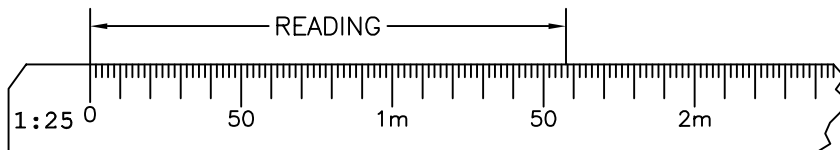
4 _____ mm



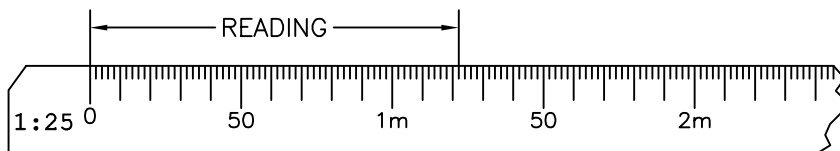
5 _____ mm



6 _____ mm



7 _____ meters



8 _____ meters

Copy each letter 10 times in the space provided below.

A

U

B

V

C

W

D

X

E

Y

F

Z

G

1

H

2

I

3

J

4

K

5

L

6

M

7

N

8

O

9

P

0

Q

R

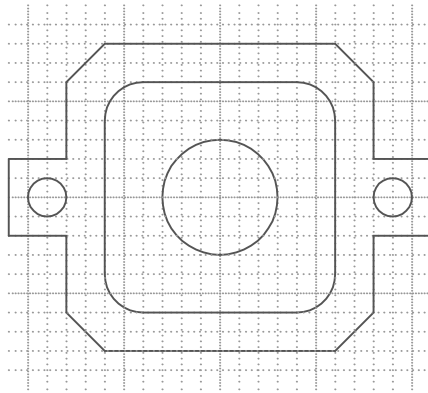
S

T

SHEET 004

GRADE _____

Draw the figure in the space provided.
Use a compass and straightedge for all work.



SHEET 006
GRADE _____

- 7.1 Construct a triangle from the lines given.
7.2 Construct an equilateral triangle using line ab as one edge.
7.3 Bisect line mn
7.3 Bisect angle rst

Use a compass and straight edge for all work.
Show your work!

7.1



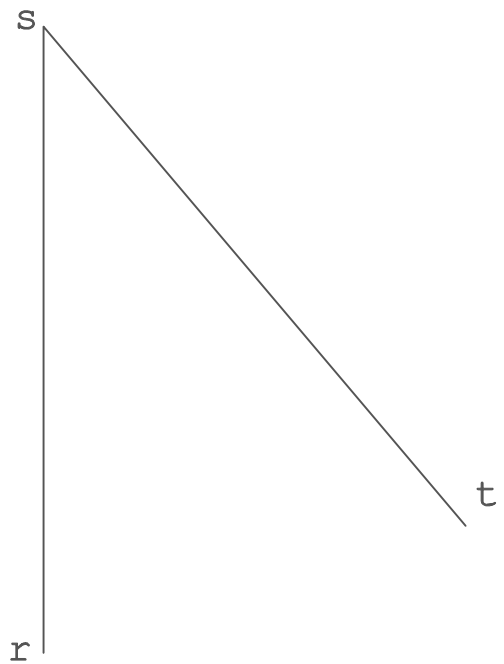
7.2



7.3



7.4

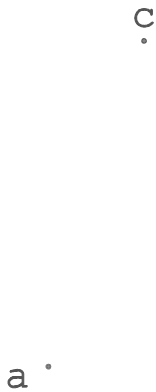


SHEET 007
GRADE _____

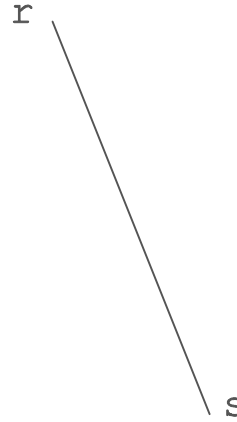
- 8.1 Points a, b, and c define the circumference of a circle. Construct that circle.
- 8.2 Using the compass method, construct a line parallel to line rs.
- 8.3 Construct an arc of radius r tangent to both ab and de.

Use a compass and straight edge for all work.
Show your work!

8.1

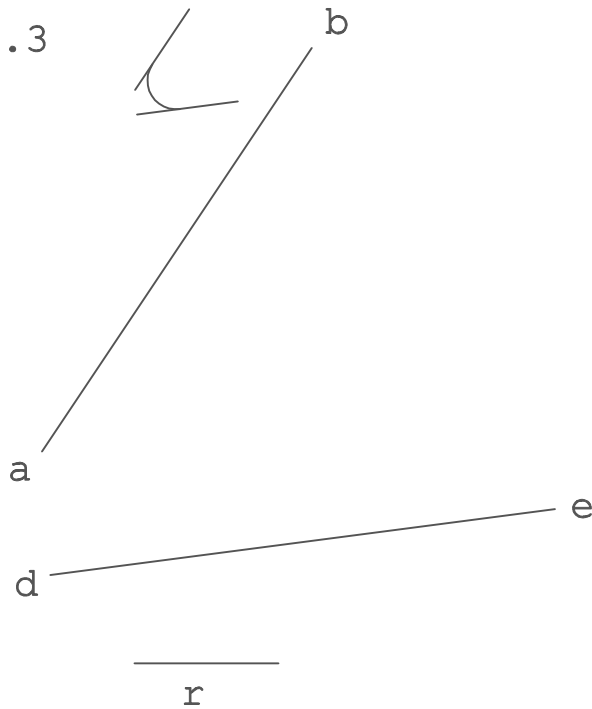


8.2

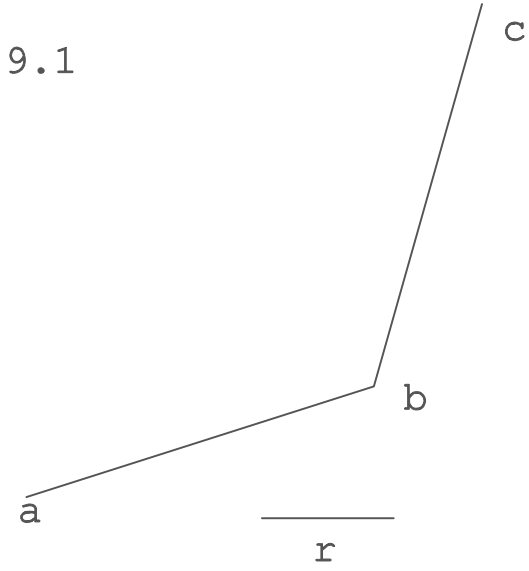


(like this)

8.3

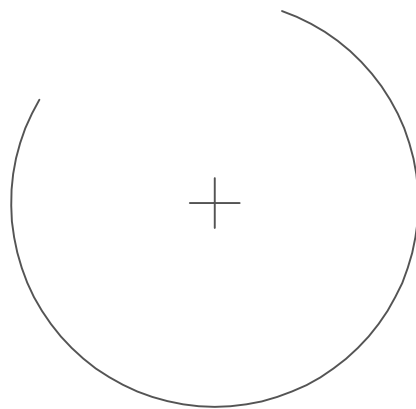
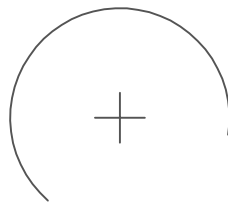


9.1 Construct an arc of radius r that is tangent to lines ab and bc .
9.2 Construct 2 arcs of radius r which are tangent to both arcs.
Use a compass and straight edge for all work.
Show your work lightly!



(Like this)

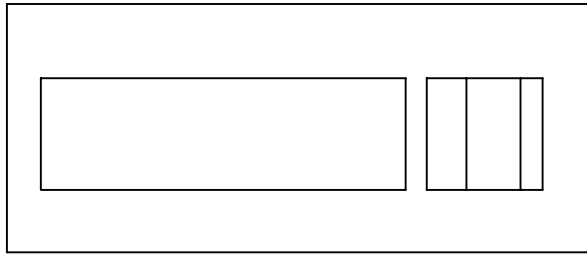
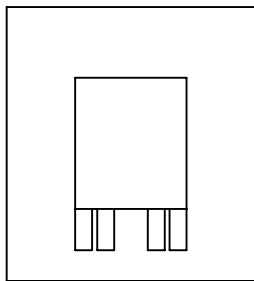
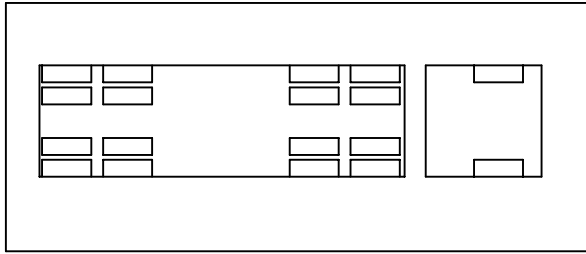
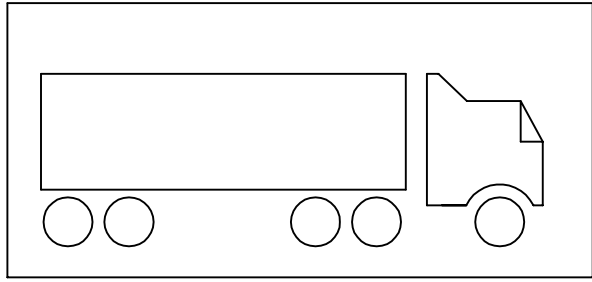
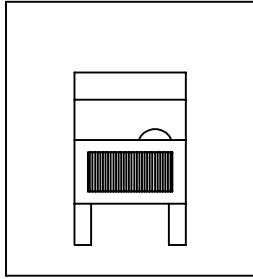
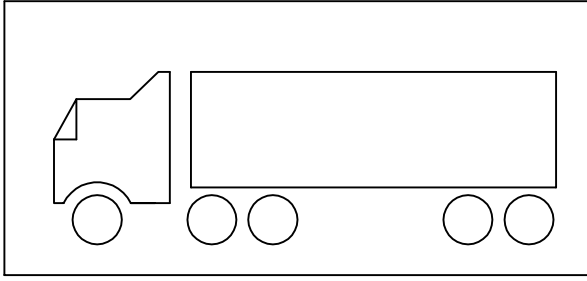
9.2

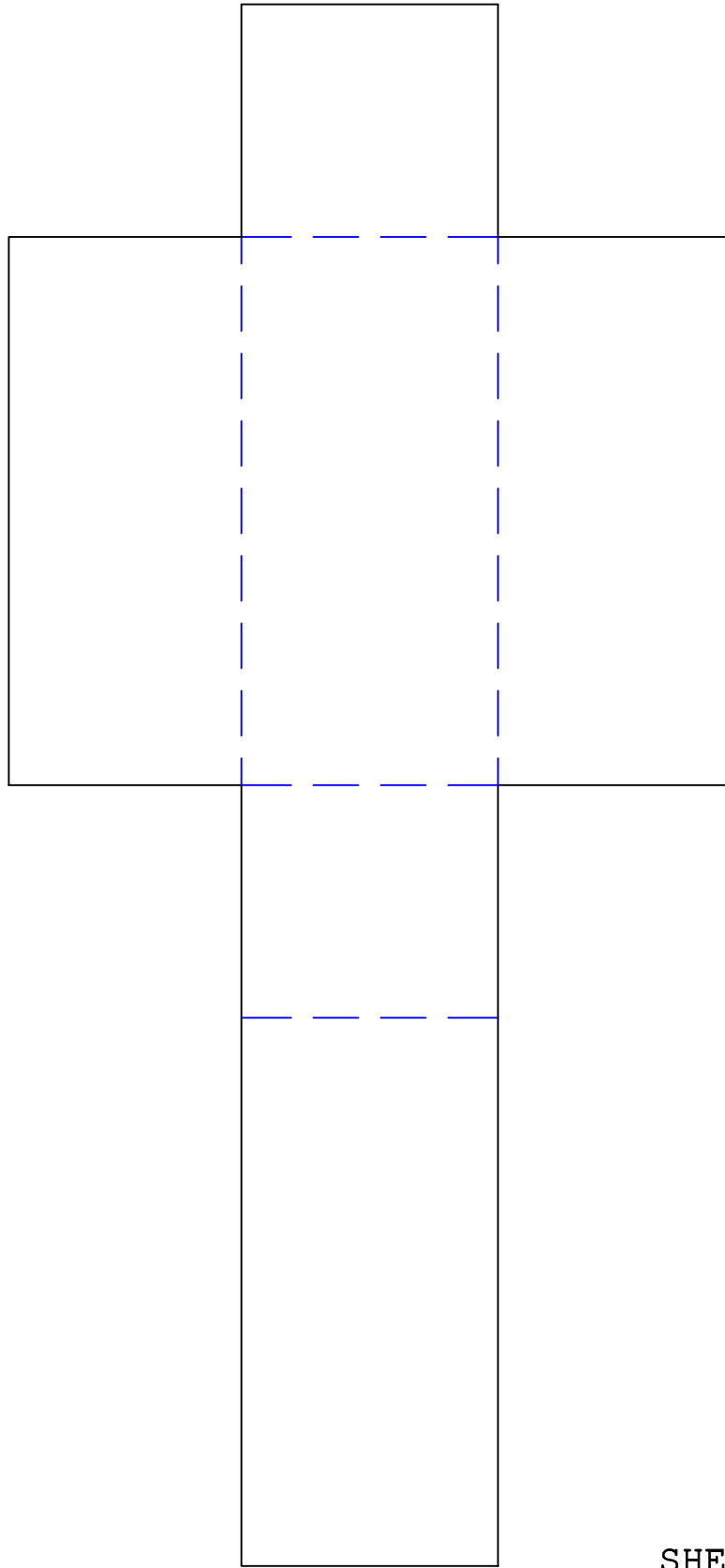


r

SHOW YOUR WORK

SHEET 009
GRADE _____





SHEET 011
GRADE _____