

**DO NOW** – On the back of this packet

Name \_\_\_\_\_

**LO:** I can use a compass to draw circles and use my notes to define basic concepts in Geometry. I can describe and illustrate the undefined terms: **point**, **line**, and **plane**. I can describe and **distance measure** in terms of point, line, and plane.

(1) **Centering Circle**  
Name add on numbers

(2) **Using Tools:** Making circles with a compass (in the space to the right):

compass

- (1) Mark a point and label it A.
- (2) Use a compass to construct circle A
- (3) Mark a point on circle A and label it B
- (4) Use a compass to construct circle B
- (5) Mark the points where circle A and B intersect with a dot
- (6) Label the points you marked in the last step C and D
- (7) Connect all 4 points with line segments (6 segments total)
- (8) How many of the segments that you drew are the same length? \_\_\_\_\_
- (9) Construct circle C and circle D
- (10) Mark and label new points of intersection
- (11) Use new points of intersection to construct new circles

(3)notes  
page,  
descri-  
ptions,  
scissors,  
tape or  
glue**Taking Notes: Point/Line/Plane**

- (a) Obtain a green "N1 & N2" page, a descriptions page, and a supplies cup (scissors, and glue)
- (b) Cut out the first column of descriptions and match them with the diagrams and terms on page N1 of the notes (the word at the top should be "point")
- (c) Listen and check your work as we go over it as a class
- (d) Glue or tape down the descriptions for page 1
- (e) Cut out the second column of descriptions and match them with the diagrams and terms on page N2 of the notes (the word at the top should be "endpoint")
- (f) Listen and check your work as we go over it as a class
- (g) Glue or tape down the descriptions for page 2

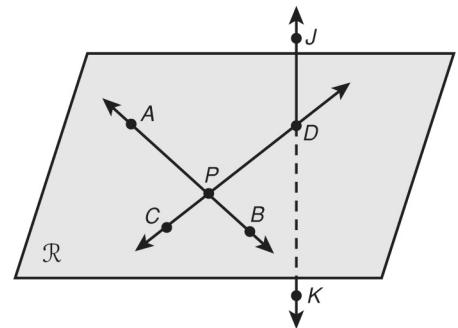
 (4)**Exit Ticket**

ON THE LAST PAGE

 (5)pen or  
pencil**Homework:**

- (1) Re-read "Ms. Lomac's Classroom Procedures" and complete the signature portion at the bottom of the second sheet with your parent/guardian
- (2) KEEP "Ms. Lomac's Classroom Procedures" IN YOUR CLASS FOLDER.
- (3) Use the diagram at right to name:

- A set of three collinear points \_\_\_\_\_
- Four noncoplanar points \_\_\_\_\_
- A line in three different ways \_\_\_\_\_
- A line segment in two ways \_\_\_\_\_
- Four rays on line KJ \_\_\_\_\_

**CLASS SUPPLY LIST**

Pencil	Eraser	Compass	Ruler	Highlighters	Pens	Markers	Scissors
Glue		Dry Erase Marker		Sheet Protector			

Exit Ticket    Name \_\_\_\_\_ Date \_\_\_\_\_ Per \_\_\_\_\_

0.5R

Exit Ticket

(1) The LO (Learning Outcomes) are written below your name on the front of this packet. Demonstrate your achievement of these outcomes by:

(a) In the space below, construct circle A and circle B with a compass.

(b) Complete each statement. Think about the precise definitions for **point**, **line**, and **plane** when you write your reasons.

(a) An example of a **point** would be \_\_\_\_\_  
but it is not a perfect **point** because \_\_\_\_\_.

(b) An example of a **line** would be \_\_\_\_\_  
but it is not a perfect **line** because \_\_\_\_\_.

(c) An example of a **plane** would be \_\_\_\_\_  
but it is not a perfect **plane** because \_\_\_\_\_.

(1) What is a **location**? Describe in detail and draw an example.

(2) Describe why the cartoon below is supposed to make people smile. REALLY think about it. If you still aren't sure, write



"not sure".