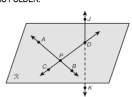# Agenda 9/10

(1) Do Now (5)
(2) Using Notation
(3) Distance from a point
(4) Exit Ticket (5)
(5) Homework (1)
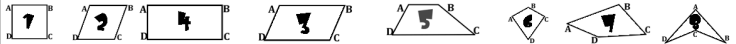TO KNOW: Quiz Fri, Signature Fri, 0.6 HW Thurs

Stack HW in your group 0.4

(4) HOMEWORK:
(1) Re-read "Ms. Lomac's Classroom Procedures" with your parent/guardian
(2) Complete the signature portion at the bottom of the second sheet with your parent/guardian
(3) Tear off the signature portion at the bottom of the second sheet and turn it in.
(4) KEEP "Ms. Lomac's Classroom Procedures" IN YOUR CLASS FOLDER.
(5) 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 ___ ___ ___ ___

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0 Geometry: Foundations Progress	Name_____ Per___	9/3-9/12 (8 days)

Skill/Task	Due	Exit Ticket Score	Plan for mastering this skill
		Record score here	

Complete today's Do Now below.

Name

Write responses here

Name _____

Do Now **0.5**   **9/8**
Lesson #   Date

Communicating Thought

Communicating	2
Developing	1
Latent	0

Read directions here

DO NOW – Geometry Regents Lomac 2014-2015	Date 9/10	due 9/11	Point/Line/Plane	0.6

(1) Record your TOTAL score

(2) Write your Name, Lesson Number, Date, Group Number and Letter in your DN/ET packet.

(3) Copy and complete each statement in the DO NOW section of the page: So far, my favorite activity in this class has been ____ because ___. My least favorite activity in this class is ___ because ___.

(4) Put the DO NOW/EXIT TICKET packet in your folder.

Name _____ Per_____
SLO: **I can identify with proper notation points, lines, planes, etc. in diagrams and can show all points that are the same distance from a central point.**

0.6 ☐ (1)

group cup of dry erase markers and towels, group stack of "white boards"

Identifying parts of diagrams

For each diagram that is shown, a part of the diagram is to be named. You must:

(1) write the name on your white board large enough to be seen

(2) cap your marker and wait for the "boards up" signal

(3) fix your notation or name until you are told to "erase," at which point you have written a correct respo

(there is often more than one correct response.)

Use your notes (green sheet)

0 BASIC GEOMETRY NOTES PAGE (1)

Diagram	Term	Description:	Examples:
A•	**point** Notation/Name:	Undefined term refering to a location in space with and has no sides. In drawings, points are represented by dots	Non-Examples:
	line Notation/Name:	Undefinred Term that is a straight path extending in two oposite dierections without end. It has infinite length, but only one dimension. A line contains infinitely many points	Examples: Non-Examples:
	collinear Notation/Name:	Points that are on the same line	Examples: Non-Examples:
	non-collinear Notation/Name:	Points that are not on the same line	Examples: Non-Examples:
	plane Notation/Name:	Undefined term represented by a flat surface that extends without end in two dimensions, but has no thickness. A plane contains infinitely many lines	Examples: Non-Examples:
	coplanar Notation/Name:	Points that are on the same plane	Examples: Non-Examples:
	non-coplanar Notation/Name:	Points that are not on the same plane	Examples: Non-Examples:

0 BASIC GEOMETRY NOTES PAGE (2)

| Diagram	Term	Description:	Examples:
	endpoint Notation/Name:	A point that is at the end of a segment or ray	Non-Examples:
	ray Notation/Name:	A part of a line, sometimes called a "half-line," that has one endpoint and extends infinitely in one direction	Examples: Non-Examples:
	line segment Notation/Name:	A part of a line with two endpoints, the distance between which can be measured	Examples: Non-Examples:
	midpoint Notation/Name:	A point on a line segment that is the same distance from one endpoint as it is from the other	Examples: Non-Examples:
	equidistant Notation/Name:	When the distance between a pair of points is the same as the distance between a different pair of points	Examples: Non-Examples:
	construction Notation/Name:	Diagrams that are precisely drawn with a compass and straightedge	Examples: Non-Examples:
	compass and straightedge Notation/Name:	Tools used to measure and copy distances and draw straight lines or segments	Examples: Non-Examples:

Point S is on plane_____
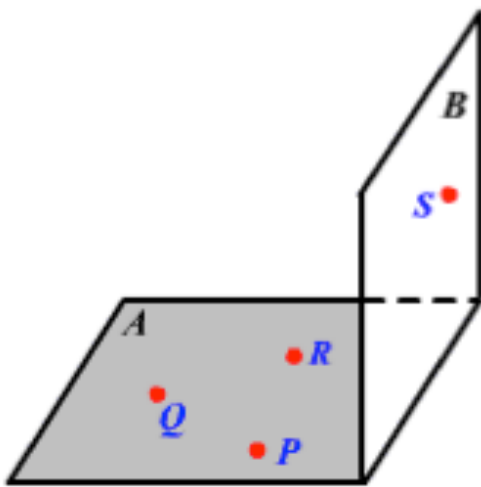
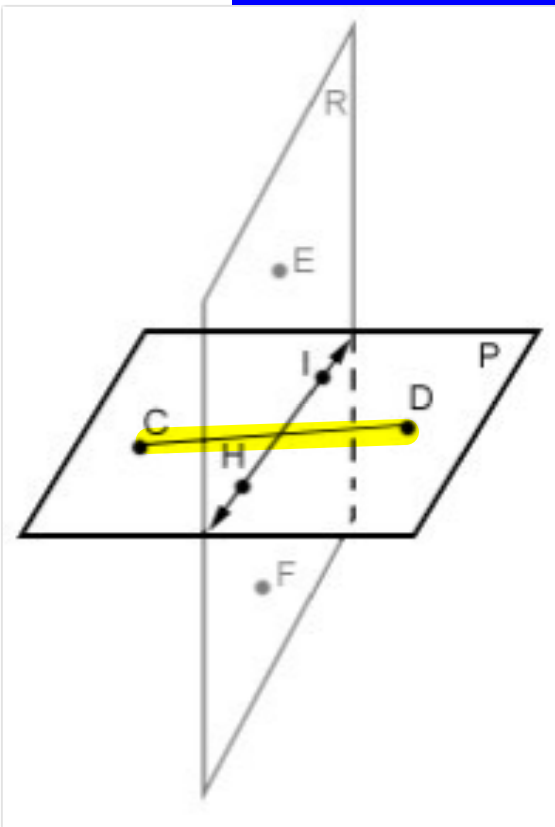# Plane *A* could also be named _____
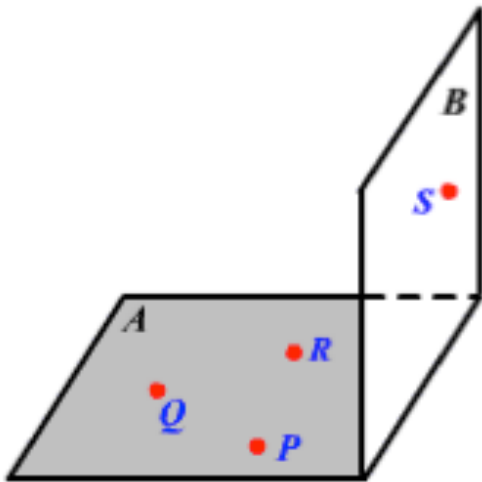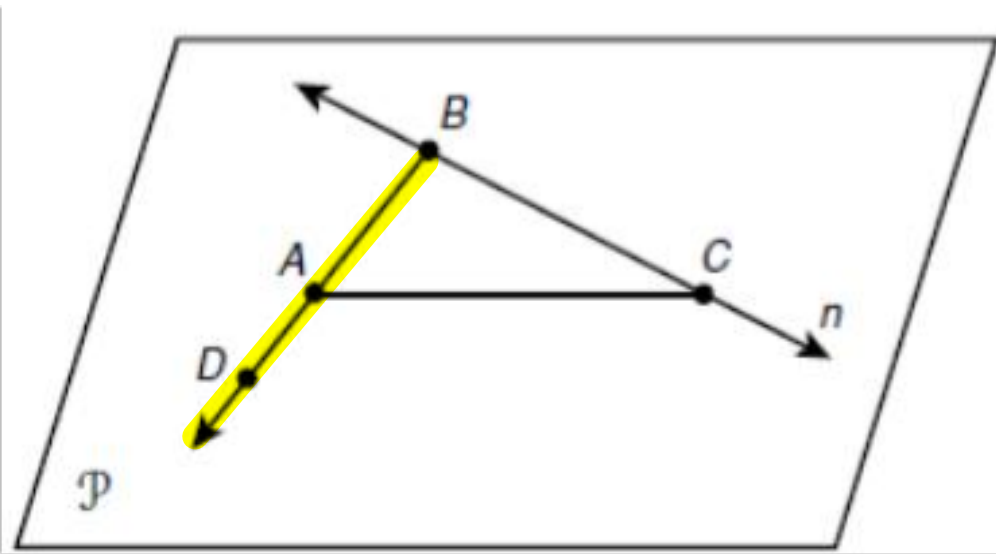
The line in the diagram can be named ____.
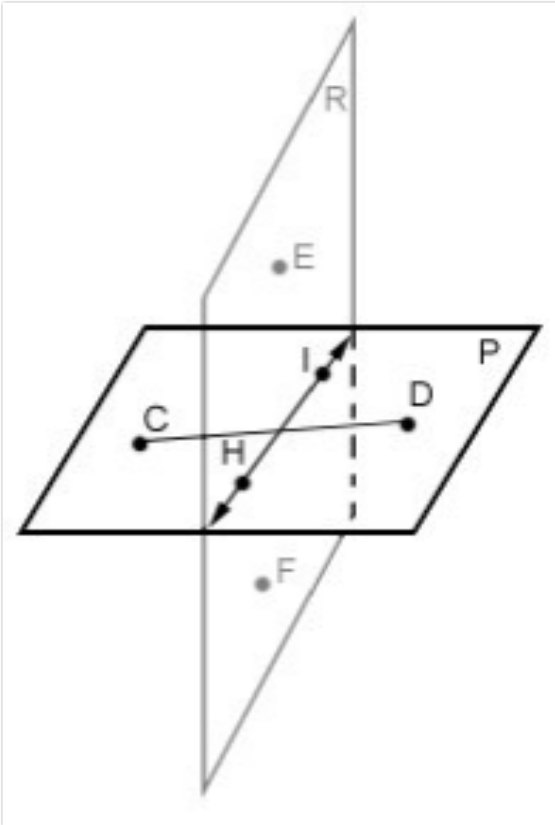
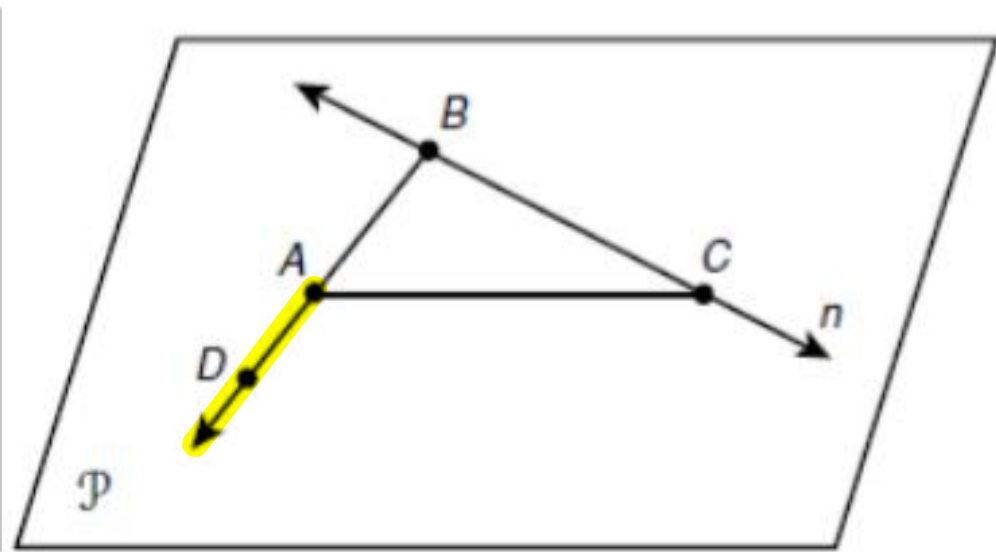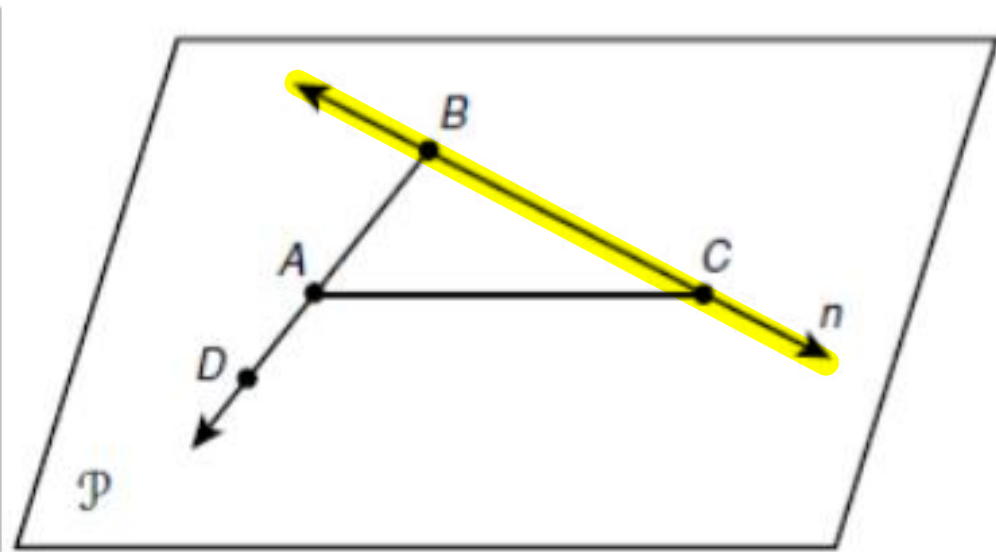# Plane EIH can be named with the single letter _____
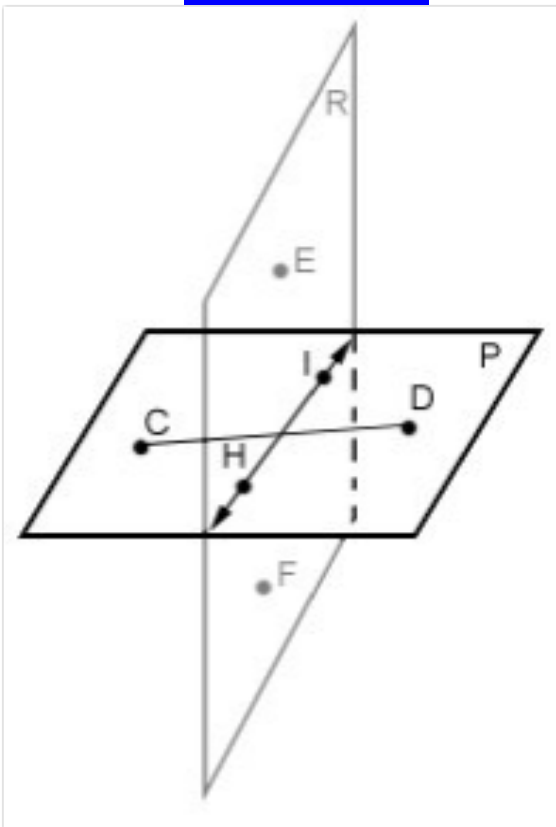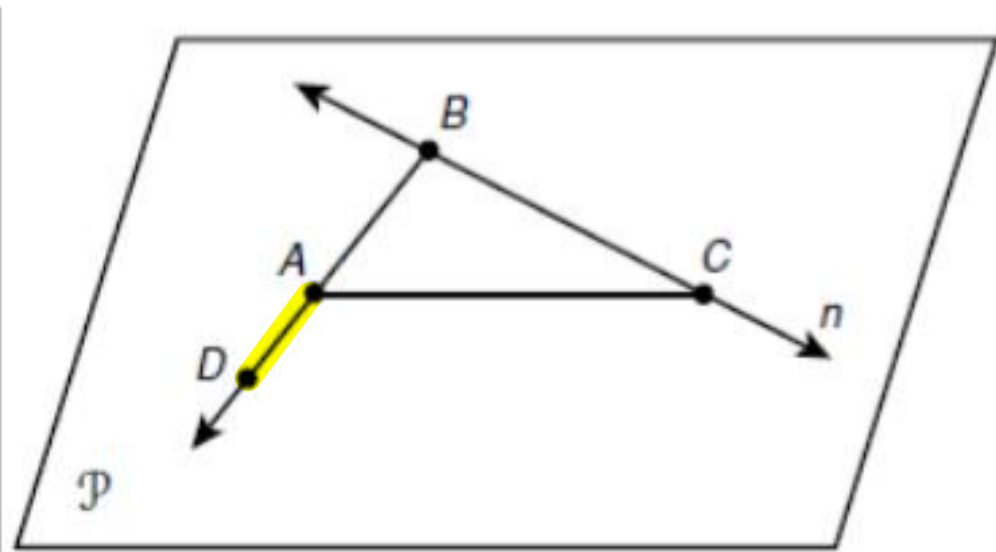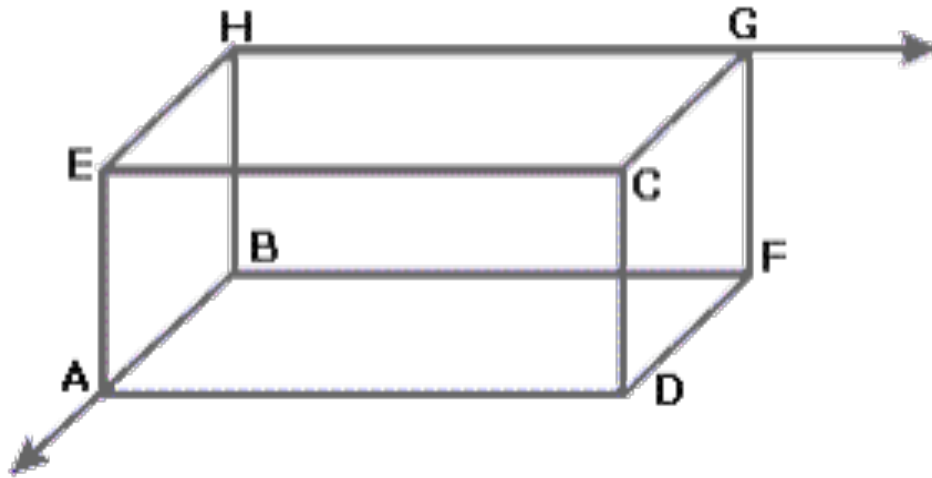
The highlighted part of the diagram is named _____ with notation _____

The highlighted part of the diagram is named _____ with notation _____

The highlighted part of the diagram is named _____ with notation _____

The highlighted part of the diagram is named _____ with notation _____

The highlighted part of the diagram is named _____ with notation _____
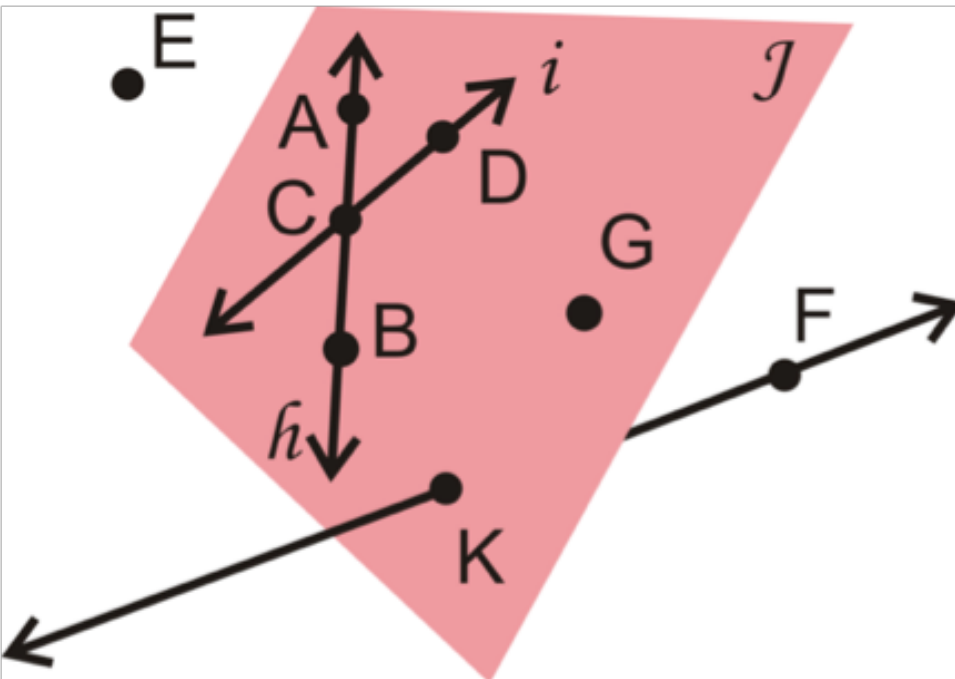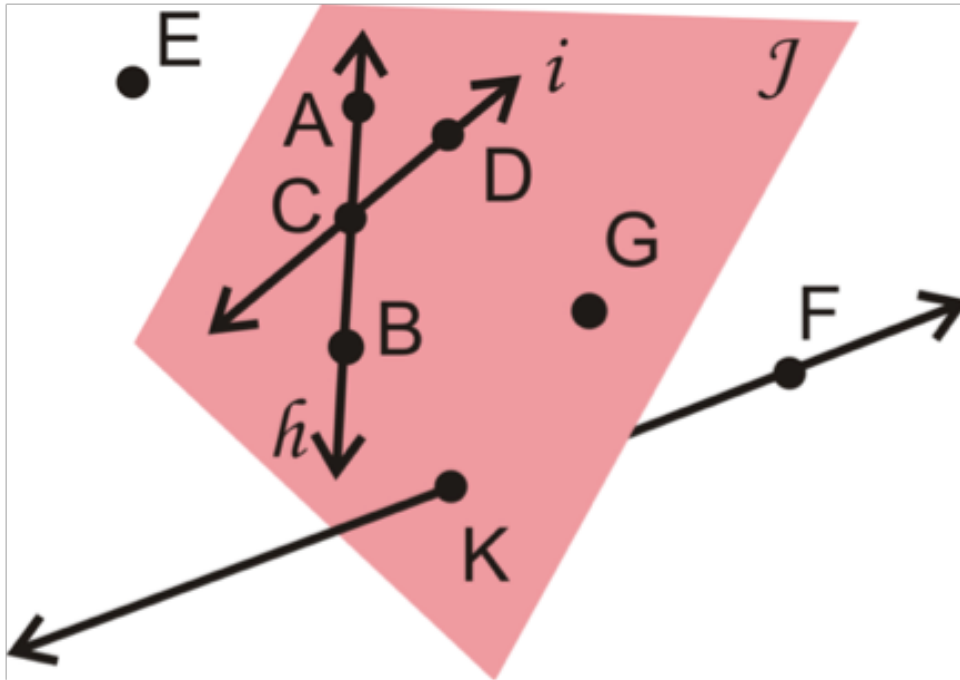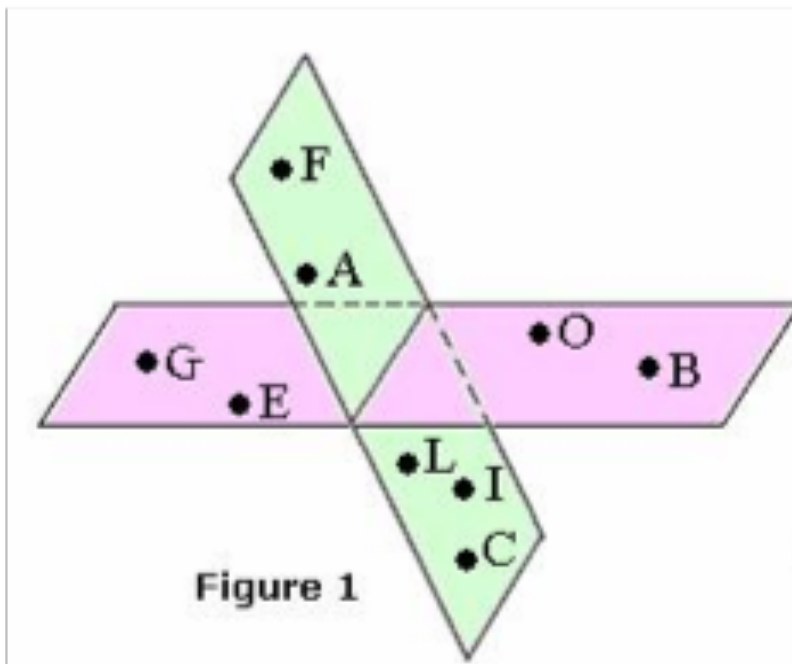
The rays in the diagram are called _____ (notation only)

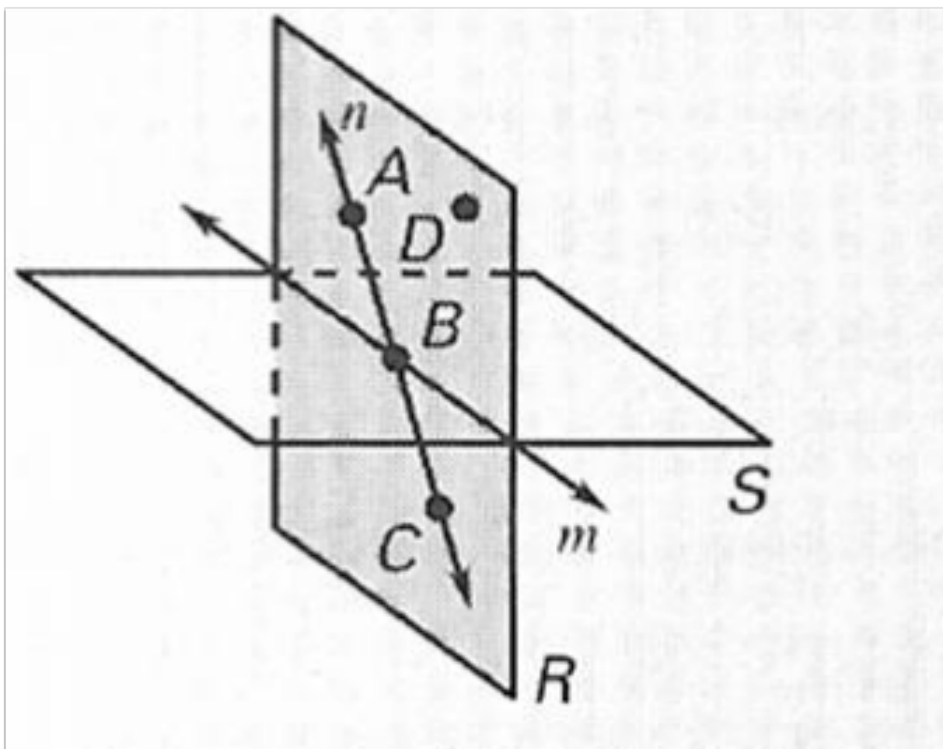# A point that is not on the plane is _____

Plane *J* cannot be named ABC because_____

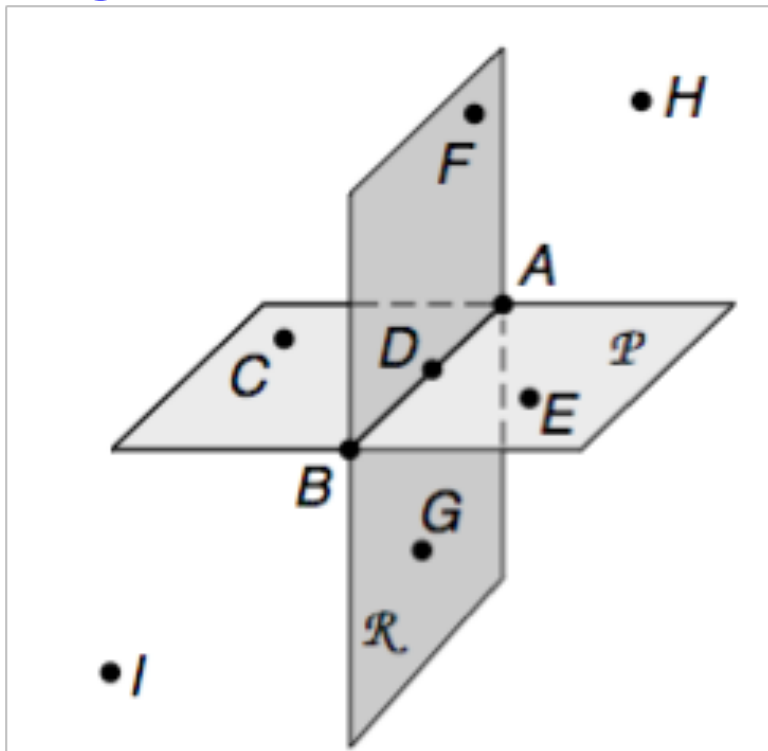# The pink plane can be called _____

Figure 1

Line *n* is could also be called _____

The three line segments drawn in the diagram are named __,__, and __ (notation)

0.6

☐ (2)
rope
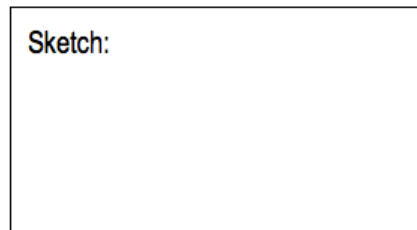
Equal distance from a point

Participate in the class demonstration.

Complete the statements below and the sketch.

We all had to stand ____ feet away from _____.

When we did this, we formed a _____.

Sketch:

Lesson 0.6 HOMEWORK

☐ (4)   **HOMEWORK:**

☐ (1) Re-read "Ms. Lomac's Classroom Procedures" with your parent/guardian

☐ (2) Complete the signature portion at the bottom of the second sheet with your parent/guardian

☐ (3) Tear off the signature portion at the bottom of the second sheet and turn it in.

☐ (4) KEEP "Ms. Lomac's Classroom Procedures" IN YOUR CLASS FOLDER.

☐ (5) Complete the chart on the back of this page by

(a) Finding the diagram that matches the description and writing the number of the diagram in the "Figure number" column.

(b) Naming, with proper notation, the lines, segments, or rays that form the triangle in the diagram.

Description	Figure number	Lines, rays, and segments
The figure with three line segments.		
The figure with three lines.		
The figure with three rays with three different endpoints.		
The other figure with three rays.		
Two line segments and one line.		
Two line segments and one ray.		
Two lines and one line segment.		
Two lines and one ray.		
One line and two rays from the same endpoint.		
One line and two rays from different endpoints.		
The two identical figures.		
One line segment and two rays from the same endpoint.		
A line segment with rays from each of		

Lesson 0.6

☐ (3)
Do Now/
Exit
Ticket
Packet

EXIT TICKET

Demonstrate today's SLO: "I can identify with proper notation points, lines, planes, etc. in diagrams and can show all points that are the same distance from a central point."

☐ (a) *Sketch line QS and name it with proper notation in two ways*

☐ (b) *Sketch line segment TU and name it with proper notation in two ways*

☐ (c) *Sketch ray VW and name it with proper notation*

☐ (d) *Draw a point and label it A. Choose a distance and sketch all of the points that are that distance away from point A*

Complete today's Exit Ticket below. Be sure to check a box. ↘

Exit Ticket ⬤⬤⬤⬤⬤⬤ ⬤⬤⬤⬤⬤⬤

☐ I did this and could do it again!

☐ I did this with notes!

☐ I did this but something is off!

☐ I did this, I think!

☐ I can do this after more practice!

☐ I can do this after tutoring!

☐ I will find a way to do this!

☐ I didn't do this because_____

Which step have you reached today?

Lesson #	Date

Aquiring Skill

Performing	3
Refining	2
Developing	1
Latent	0