

Name _____ Per _____

LO: I can correctly use the vocabulary and can perform the constructions of this unit.

 DO NOW On the back of this packet (1)
3 green
notes
pages**Vocabulary** You must know the following words (plus any other concept on the green notes pages):

Acute	Adjacent	Angle	Bisect	Center
Collinear	Compass	Congruent	Construction	Coplanar
Distance (length)	Endpoint	Equidistant	Equilateral	Isosceles
Line	Line Segment	Midpoint	Obtuse	Perpendicular
Plane	Point	Radius	Ray	Right
Straight	Straightedge	Vertex		

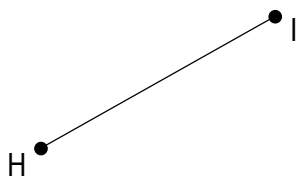
 Match the words above to their description

- | | |
|---|---|
| _____ an angle between 0° and 90° | _____ an angle between 90° and 180° |
| _____ a 90° angle | _____ a 180° angle |
| _____ has = lengths and = angles | _____ having all sides = |
| _____ the same distance from an object | _____ a finite piece of a line |
| _____ having 2 sides = | _____ divide into 2 equal pieces |
| _____ on the same line | _____ on the same plane |
| _____ intersecting at 90° angles | _____ non-intersecting lines |
| _____ the "corner" of an angle | _____ the measurement between 2 points |
| _____ 1 dimensional figure that extends infinitely in opposite directions | |
| _____ 2 dimensional figure that extends infinitely | |
| _____ the distance from the center of a circle to a point on the circle | |
| _____ has an endpoint and extends infinitely in 1 direction | |
| _____ 2 non-overlapping angles that share a vertex and a side | |
| _____ a tool used to draw straight line segments | |
| _____ a tool used to measure distance and draw circles | |
| _____ a point equidistant from the endpoints of a segment | |
| _____ this point is equidistant from all points on a circle | |
| _____ a drawing made with a compass and straightedge | |
| _____ a point at the end of a segment or ray | |
| _____ a location in space | |

(3)
compass
highligh-
ters

Construct the perpendicular bisector of \overline{HI} and label it \overleftrightarrow{JK} . Label the point of intersection L .
Describe how you know that you have constructed the perpendicular bisector of \overline{HI} .

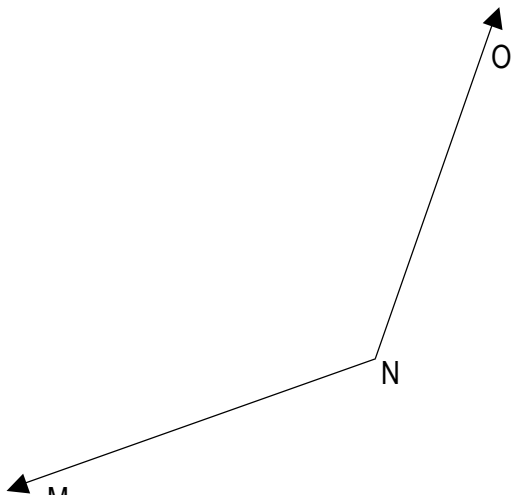
CONSTRUCTION



DESCRIPTION

Construct the bisector of $\angle MNO$ and label it \overleftrightarrow{NP} .
Describe how you know that you have constructed the bisector of $\angle MNO$.

CONSTRUCTION



DESCRIPTION
