

ACROSS

- 1 a location in space; has no size; 0-dimensional
- 2 a part of a line that starts at a point and extends infinitely in one direction; 1-dimensional
- 3 the intersection of the two sides of an angle
- 4 a figure formed by two rays with a common endpoint
- 6 a figure that extends infinitely in all directions along a flat surface; 2-dimensional
- 10 the location(s) 2 or more geometric figures have in common
- 11 lines that intersect to form right angles
- 12 the point that divides a segment into two equal segments

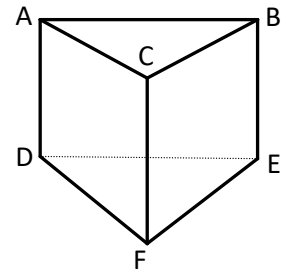
DOWN

- 1 coplanar lines that do not intersect
- 5 a part of a line that begins at one point and ends at another; 1-dimensional
- 7 a figure that is perfectly straight, has no thickness, and extends forever; 1-dimensional
- 8 points which are contained by a single line
- 9 points, lines, segments, or rays which are contained by a single plane

Notation Practice:

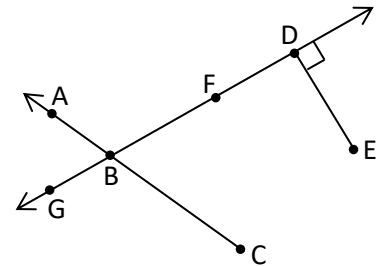
Use the figure to the right to answer #1-5.

1. Name 3 segments that intersect at B. _____
2. Name a plane. _____
3. Name 2 segments that are parallel. _____
4. Name 4 non-coplanar points. _____
5. What is the intersection of ABC and CDF? _____



Use the figure to the right to answer #6-11.

6. Name the line in two different ways. _____
7. Name an angle. _____
8. Name the ray in two different ways. _____
9. Name two perpendicular objects. (Be careful.) _____
10. Name a line segment in two different ways. _____
11. Name three non-collinear points. _____



From the options below, draw a **CIRCLE** around the labels that represent **lines**, draw a **BOX** around the labels that represent **segments**, **UNDERLINE** the labels that represent **rays**, draw a **TRIANGLE** around the labels that represent **planes**, **STAR** the labels that represent **angles**, and **SHADE/HIGHLIGHT** the labels that represent **points**.

\overline{AB}	\overline{ABC}	\overrightarrow{AB}	\vec{B}	\overrightarrow{ABC}	\vec{m}	\bar{A}
CDE	$\angle A$	M	\overrightarrow{BC}	AC	\overrightarrow{ab}	line m
Plane H	G	m	$\angle BC$	\vec{B}	$\overleftrightarrow{ABCD}$	$\angle ABC$

Draw a sketch of the figure named in each box below.

\overrightarrow{BD}	\overrightarrow{DB}	\overleftarrow{DB}	\overline{BD}	$\angle DAB$
-----------------------	-----------------------	----------------------	-----------------	--------------

On a scale of 1-5 (1: I am completely lost and 5: I totally understand this), where do you think you are with the vocabulary and notation we've covered so far? _____

If you're not at a 5, what is at least one question you still have? _____