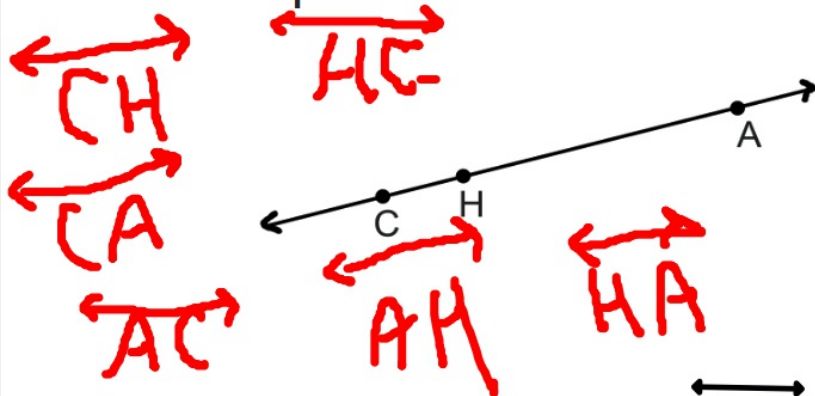


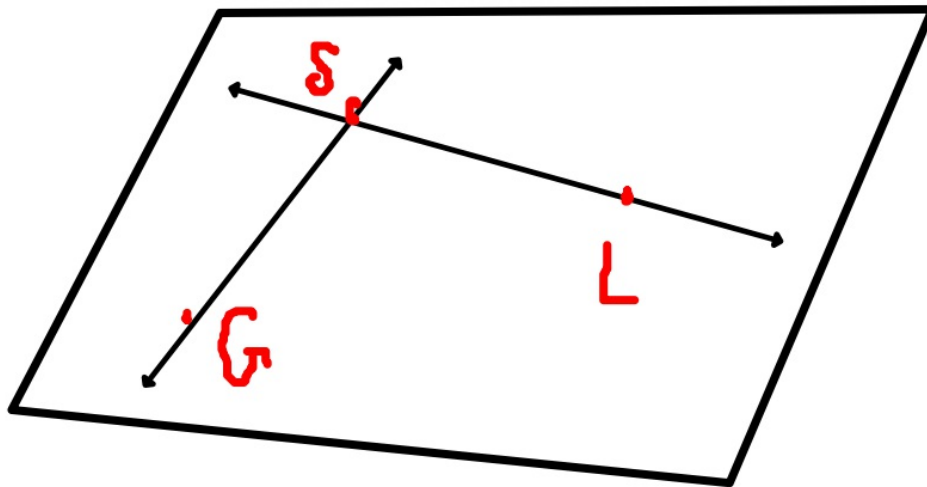
Good morning: warm up in notebooks

You will need a device today

1. Give all possible names for the figure below using correct notation.



2. Sketch a plane with lines \overleftrightarrow{GS} and \overleftrightarrow{SL} . Then give 3 names for the plane.



Reminders:
Pay your math fee!
First assessment! Next Thursday

Plane \overleftrightarrow{GSL} \overleftrightarrow{SLG}
 \overleftrightarrow{LGS}

HW

p.11

1. D
2. Sample answers:

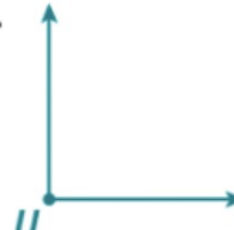
a. 

b. 

c. 

d. 

e. 

f. 

3. a. ray; \overrightarrow{BC} , \overrightarrow{BD}
b. angle; $\angle 1$, $\angle Q$, $\angle PQR$, $\angle RQP$
c. plane; plane Z , plane MNP ,
plane MPN , plane NMP , plane
 NPM , plane PMN , plane PNM
d. segment; \overline{FG} , \overline{GF}
e. line; line n , \overleftrightarrow{XY} , \overleftrightarrow{YX}
4. Use a capital cursive letter or use any three points in the plane that are not on the same line.

7. a. 3; \overrightarrow{BA} , \overrightarrow{BC} , \overrightarrow{BD}
b. 3; $\angle ABC$ or $\angle CBA$, $\angle CBD$ or
 $\angle DBC$, $\angle ABD$ or $\angle DBA$

9. a. The points J , K , and L are on the same line. You cannot name a plane using three points if the points are on the same line.
b. Sample answer: plane JKM , plane KLM , plane JLM

If homework is on loose leaf, please place it in Homework section of your binder
Don't lose it!!!!

3 binder sections: Homework, Handouts, Assessments

VRG



New Fire Evac Plan!!!



The Sketch Artist:

Working with face partner

Person A and B each have 4 different figures and index cards

Person A describes their card in words as accurately and specifically as possible, keeping it hidden from Person B

Person B listens carefully and draws the figure as Person A is describing. When B is done, compare the sketch to the figure! How'd you do? How could you improve?

Then switch roles, so B describes and A sketches...and so on

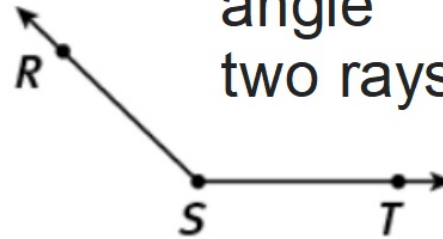
What do you notice? (mathematically)





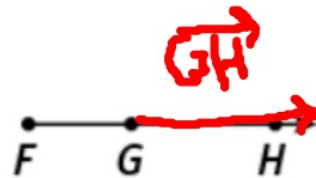
\overline{DE}
 \overline{ED}

line segment
part of a line
between and including
2 endpoints



angle
two rays share an endpoint

NOTES



ray

part of a line
on one side of an endpoint

\overrightarrow{FH}
 \overrightarrow{FG}

\overrightarrow{HG}
 ~~\overrightarrow{HF}~~

~~\overrightarrow{FGH}~~

These are not points, lines, or planes....what are they?
How do we describe them?

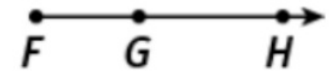
Line segment: part of a line between and including 2 endpoints

Naming/symbols:



Ray: part of line from one endpoint and all points on one side of it

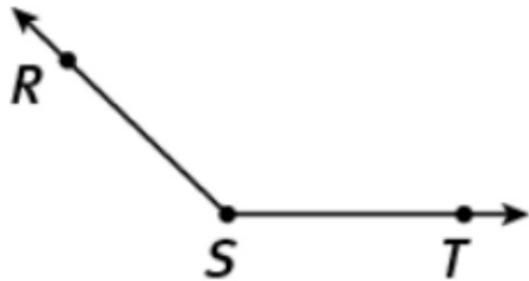
Naming/symbols:



Angle: intersection of 2 rays with a common endpoint

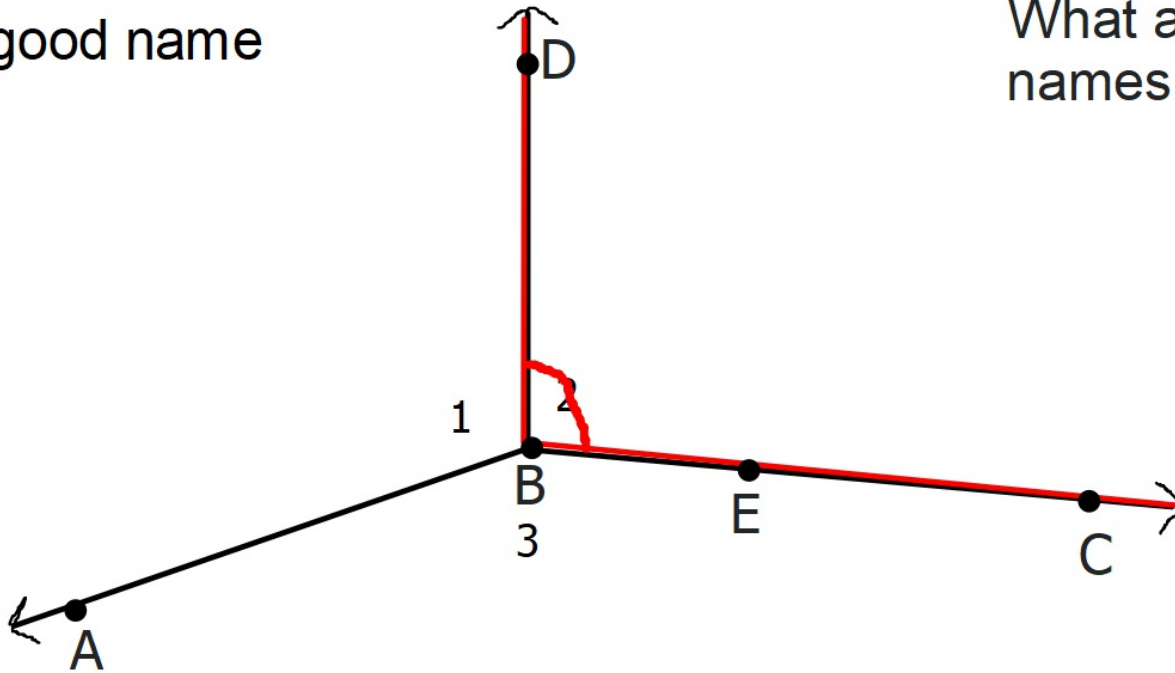
Naming/Symbols:

- use a number label if provided
- use the vertex if no other angles share it
- use 3 points: one on either ray of the angle and the vertex in the middle



Is $\angle B$ a good name for $\angle 2$?

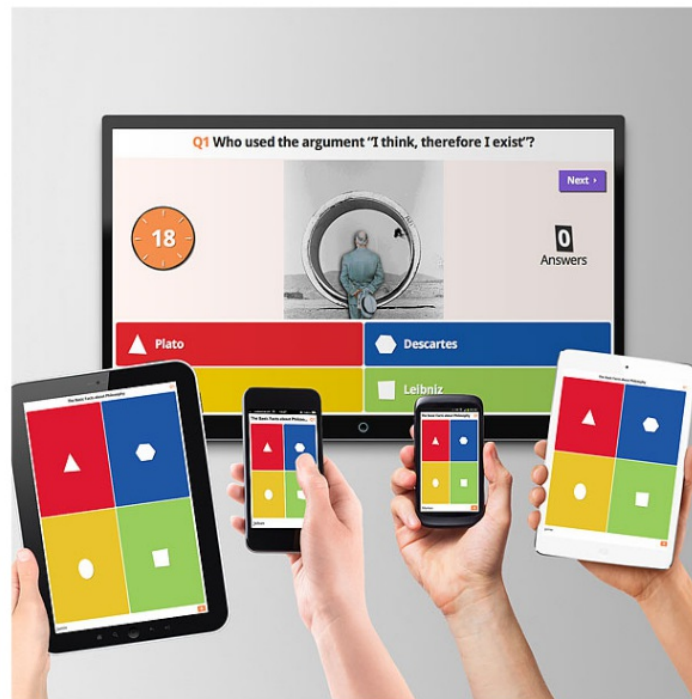
What are all the names for $\angle 2$?



- $\triangle DBE$
- $\triangle DBC$
- $\triangle CBD$
- $\triangle EBD$

What do you notice about all the names?

Let's practice naming figures...



Use your actual name please
It is very important
I look at the data afterward

Homework

p. 6 #13-20

remember, notes + help resources posted daily at mgeo.weebly.com