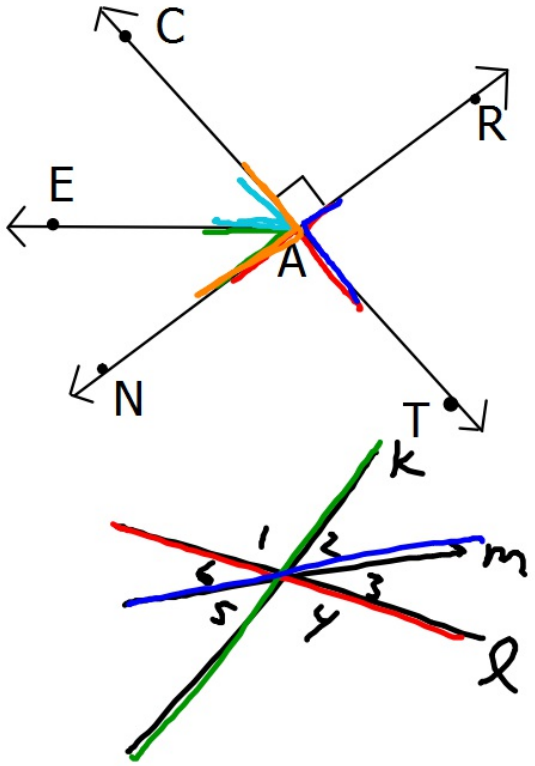
Good afternoon: warm up in notebooks, sketch the figure then answer #1-3



1. Name 2 pairs of adjacent angles

∠NAT ; ∠RAT ; ∠CAE ∠EAN

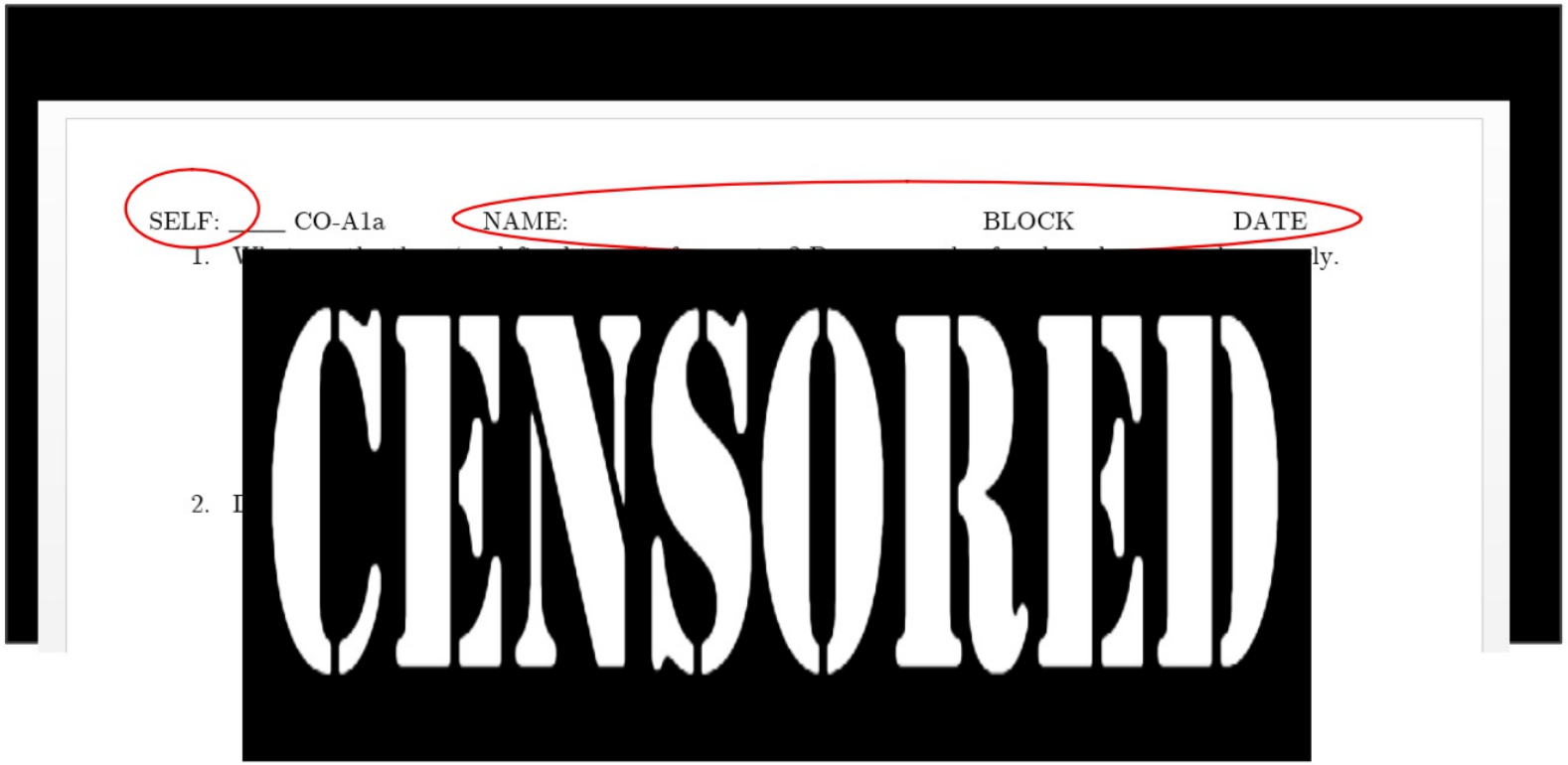
2. Name a pair of vertical angles

∠CAN ; ∠TAR

3. Explain why <CAR is not complementary.

2+ angles summing 90°

Assessment

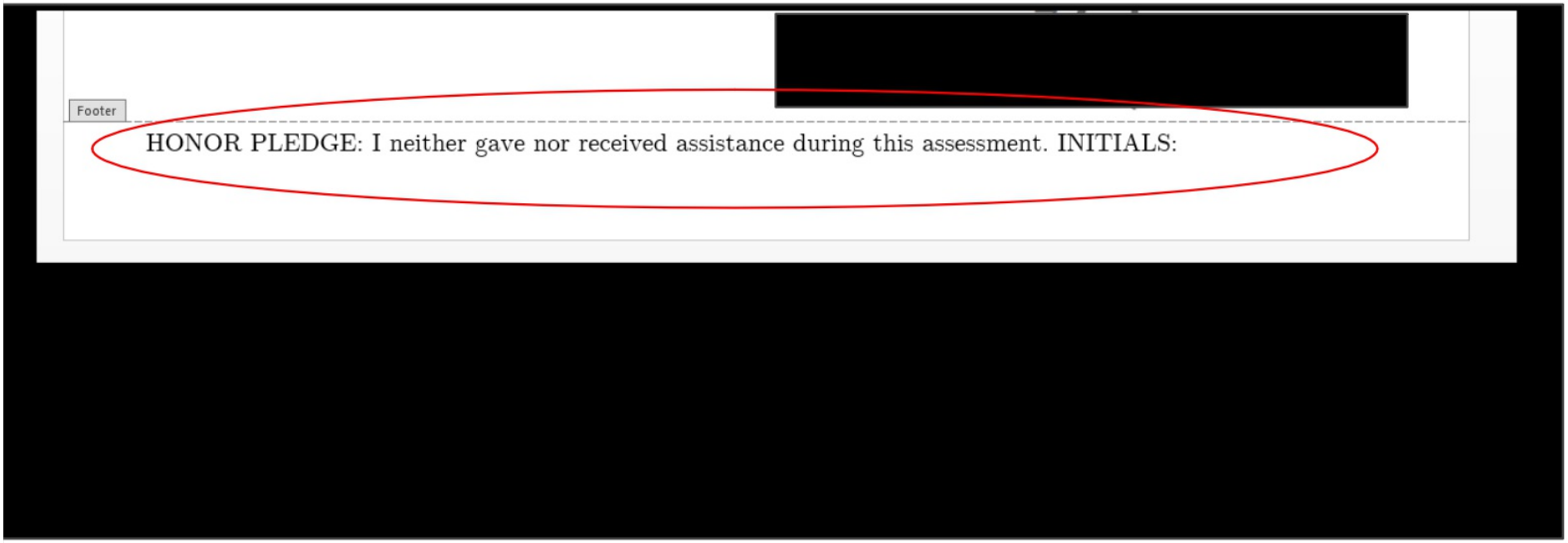


SELF: ____ CO-A1a NAME: BLOCK DATE

1. W ly.

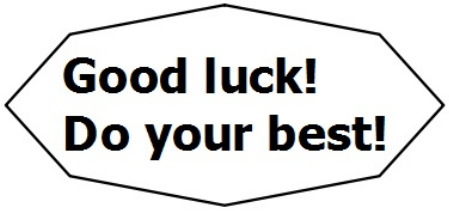
2. D

CENSORED



bottom of assessment

Clear your desks except for a pencil and a cover sheet



- put your name on it
- use your cover sheet
- not enough room? use back of test (please label clearly)

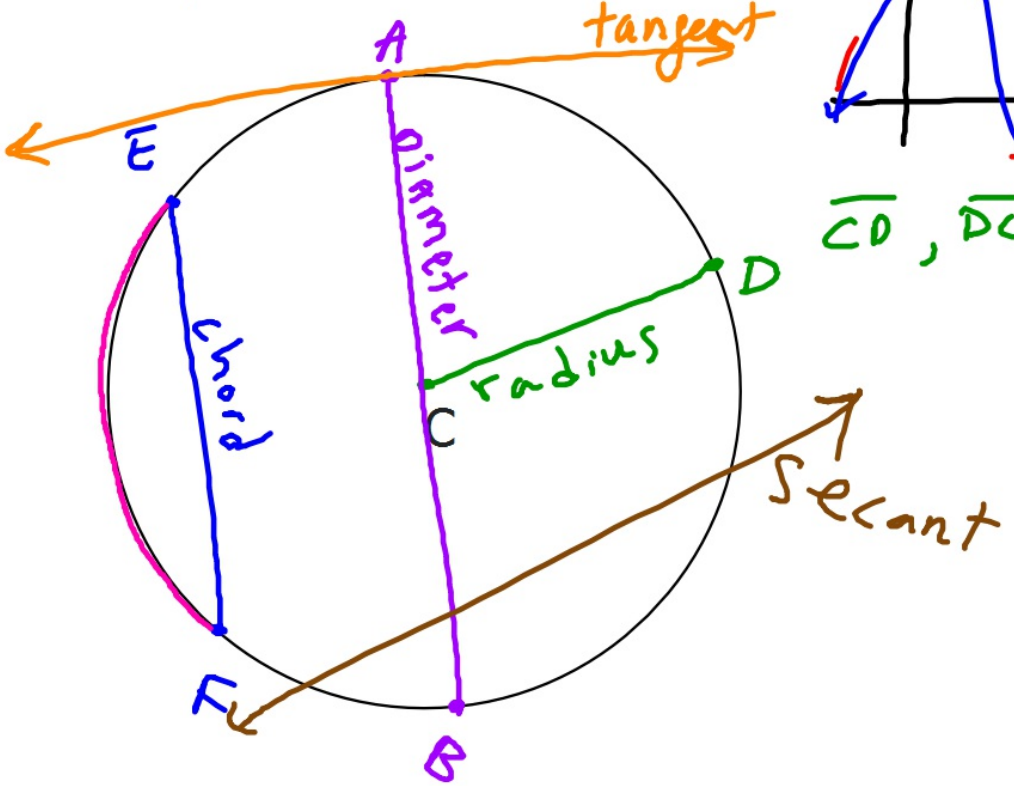
- when finished, do self-assessment and initial honor pledge

- hand test and cover sheet to me at the computer, then pick up an ACT practice page to work on as others finish OR work on something quietly (if you have headphones, you can start tonight's hw video!)

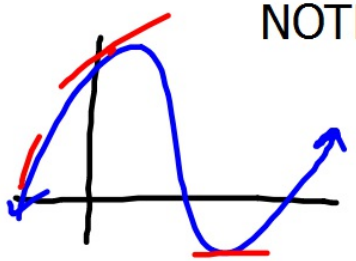
Circle terminology

Use the red disk to trace out a circle, then estimate its center

- Diameter
- Radius
- Chord $\overline{EF}$
- Arc $\overset{\frown}{EF}$
- Tangent
- Secant



NOTES



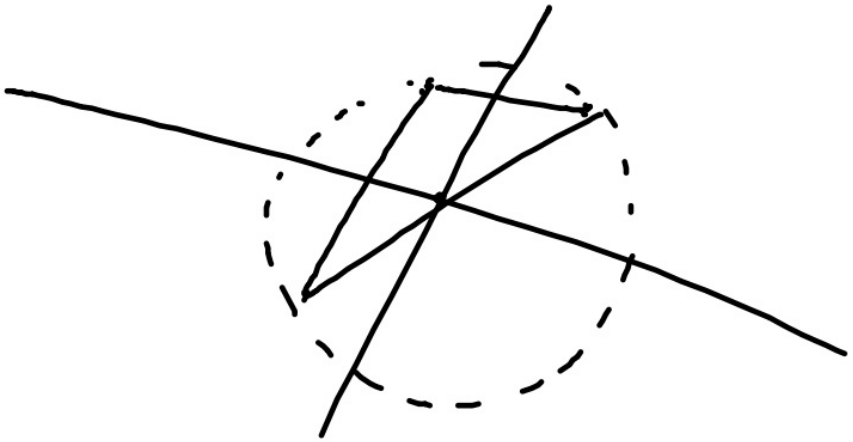
$\overline{CD}$, $\overline{DC}$

Disection

picture of dead frog on lab table
edited out :)

Bisection

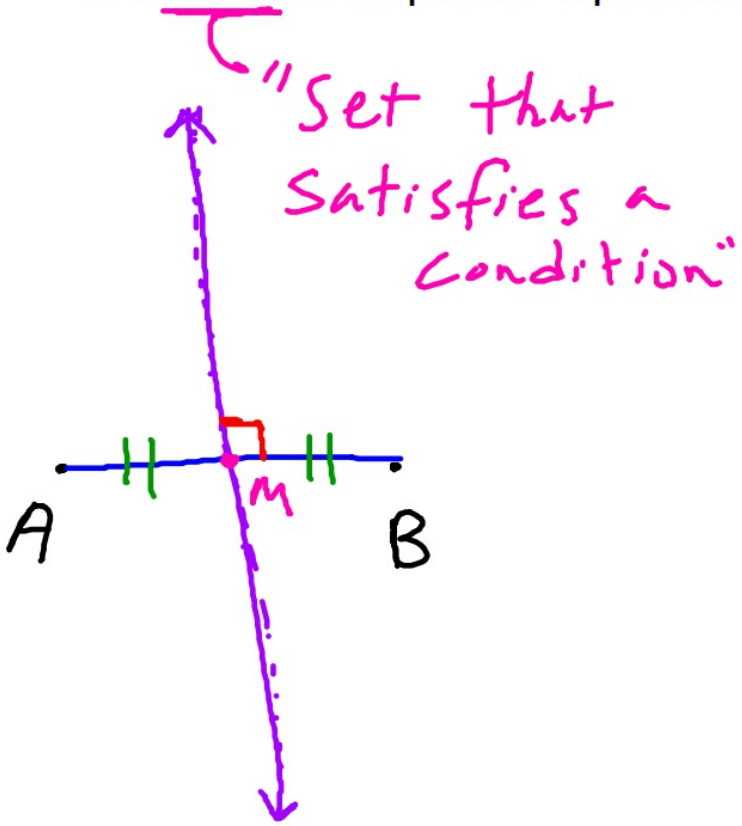
Given 3 noncollinear points, how do you find the unique circle that passes through all 3?



cross @ 90° 2 equal parts

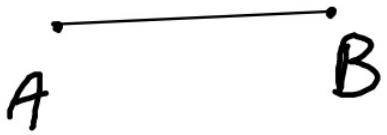
Perpendicular Bisector of a line segment

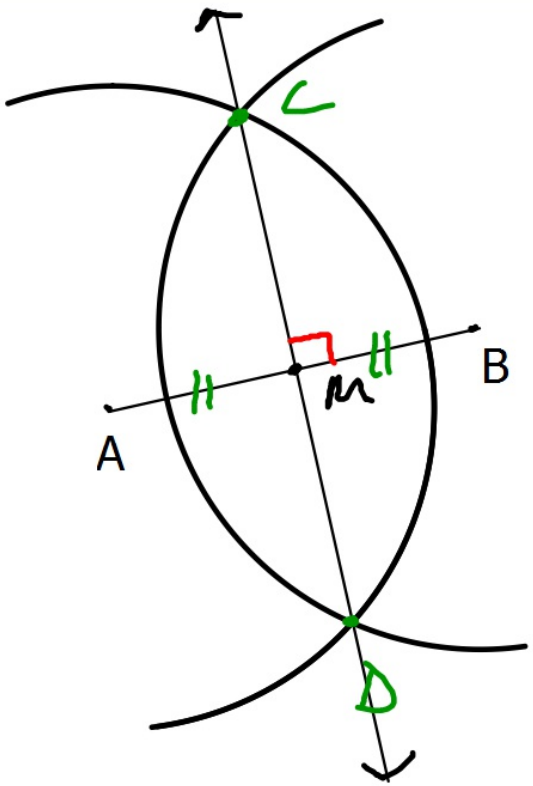
the locus of all points equidistant from the endpoints



Constructing a perpendicular bisector (will need to do this for a future assessment!)

mark 2 points on your page, A and B, construct $\overline{AB}$.




C
A
B
M
D

How does this relate to circles?

HW:
Take notes on the YouTube video posted at mgeo.weebly.com
Video is made by me :)