

HW #1

- Read syllabus, add Khan Academy coach code, and fill out survey
- Read Ch 1.

Note that you are responsible for knowing all definitions, theorems, and formulas in your text, even if not explicitly gone over in class.

Key words are highlighted in your textbook in **red**.

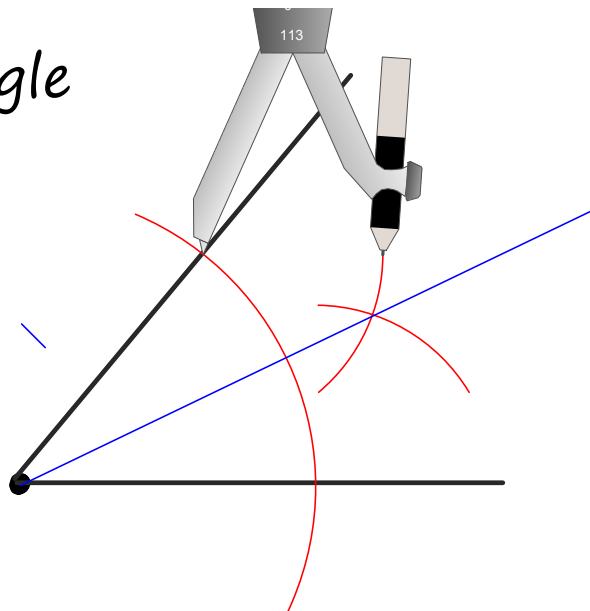
HW #2

- Ch 1 Review Problems pp. 36-38 - all problems from sets I, II, & III
Due Friday. Show all of your own work!

HW #3

- Ch 2 Review pp.71-74 #1-50. Due early next week.

bisect an angle



2.1 – Conditional Statements

Conditional Statement: “If a, then b.” or “a implies b.”

a = hypothesis

b = conclusion

Euler diagram



If it is raining,
then the
streets are wet.

Rewrite the sentences in “if-then” form.

16. “Smokey Bear wouldn’t have to do commercials for a living if money grew on trees.”

If money grew on trees, then Smokey Bear wouldn't have to do commercials for a living.

17. “All architects use geometry.”

If one is an architect, then one uses geometry.

19. “Use the stairs instead of the elevator in case of fire.”

If there is a fire, then use the stairs instead of the elevator.

20. “No vampire casts a shadow.”

If one casts a shadow, then one is not a vampire.

If one is a vampire, then one does not cast a shadow.