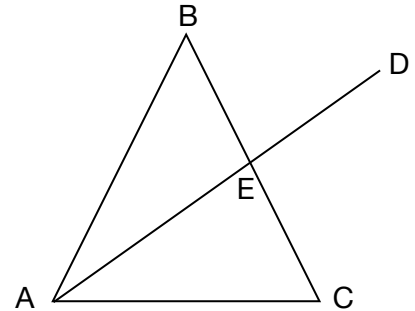


Name: _____

Date: _____

Math 101: Assignment 9

1. What are the angles in the diagram? (*Hint: There are 9*)

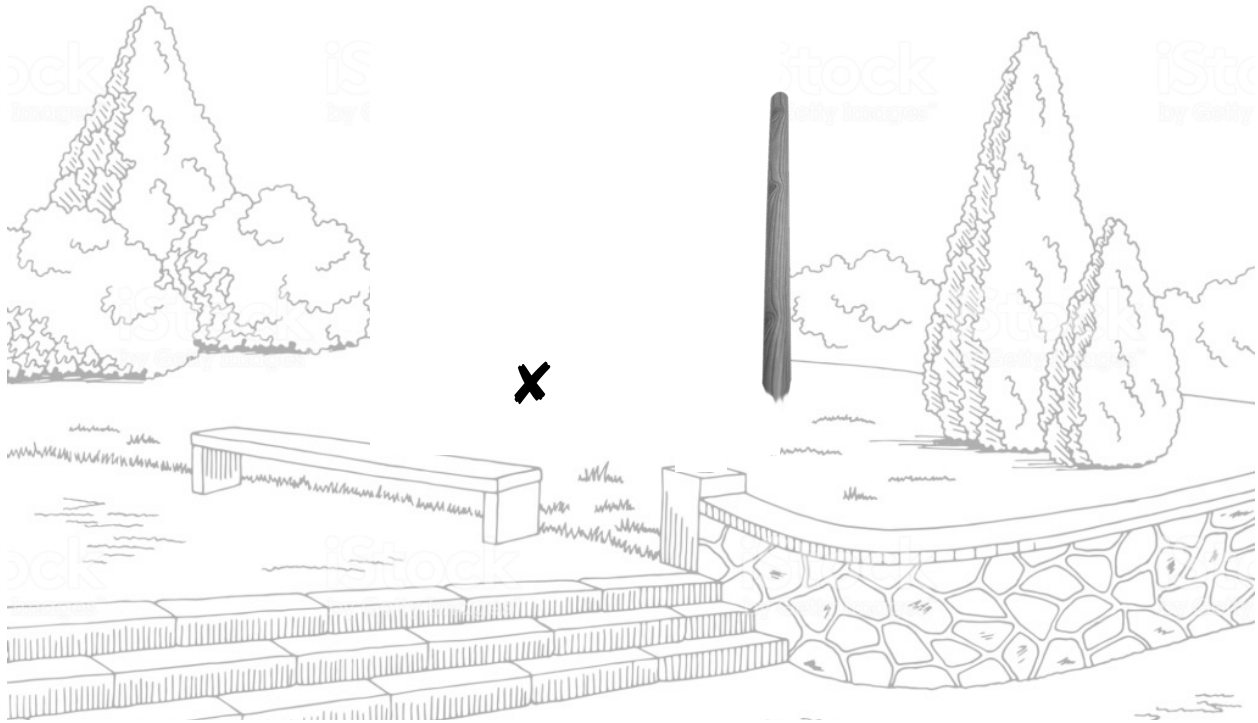


What are the triangles in the diagram (*Hint: There are 3*)

What angles can be written as sums of other angles? (*Hint: There are 2*)

2. What are the conclusions of each of the propositions we have learned so far? (Prop 1.1, 1.2, 1.3, 1.4).
3. What's the difference between Definition 15 and Postulate 3?

4. Brania has a beautiful garden and wants to relax there in her hammock. She has one wooden pole and has marked the place where she wants to put the other one of equal length. But she wants to see how it will look first. Draw the other wooden pole of equal length on the location she marked using geometry!



5. If the distance from the school to my house is the same as my house to the hospital, what can you conclude using proposition 1.5? Review this proposition!
(Example describing angles: The angle from my home to the school and the hospital is the same as the angle from my home to Los Angeles and San Francisco.)

