

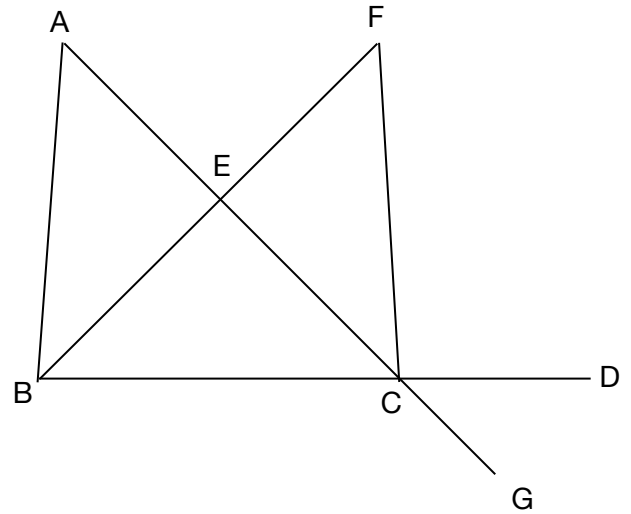
Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Math 101: Assignment 15**

1. Based on Proposition 1.15, what angles are equal to each other?

2. Prove that  $\angle BCE = \angle DCG$ .



3. If  $\overline{AE} = \overline{EC}$  and  $\overline{BE} = \overline{EF}$ , then  $\angle BAE = \angle ECF$ .