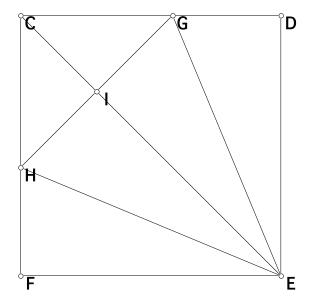
Angle Investigation, Origami Duck

Before completing, after stage 3, unfold the square to the shape below:



- 1. CE bisects \angle FED. Write a congruence statement based on this conclusion.
- 2. GE bisects ∠CED. Write a congruence statement based on this conclusion.

- 3. Determine the measures of the following angles, AND give a geometric reason or explanation that supports your answer:
- a. What is m∠CED? _____
- b. What is m∠GED? _____
- c. What is m∠EGD? _____
- d. What is m∠CGE? _____
- e. What is m∠CIG? _____