tcore 112: Quiz 2

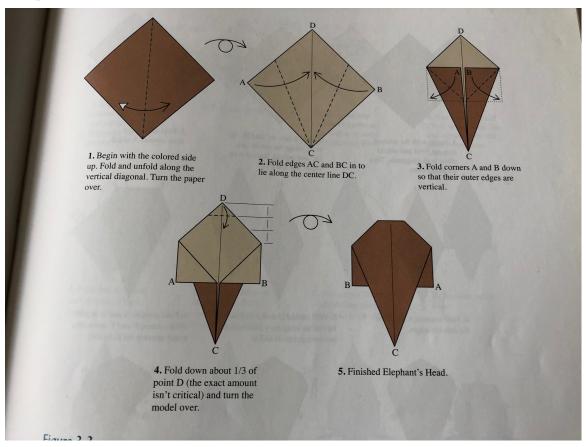
There are two sides to this quiz. You can use a calculator and a two-sided 3×5 " notecard with anything written or typed on it.

- 1. (1/22 discussion) For the following questions, consider the situation were you have *very* little time to study for a quiz (not necessarily for this class).
 - (a) [3] Identify two tactics you can use to effectively prepare for a quiz.
 - (b) [2] Identify one tactic that some use to prepare for the quiz that is *not* as powerful/effective as the tactics you identified above. Explain why you think this.

2. [3] (Lang) Lang begins discussing the complexities of design in Section 3 (assigned 1/24) and highlights several different factors that seem at odds with each other. Describe one pair of characteristics that appear at odds with each other that the origami designer must balance.

- 3. (Lockhart reading) For the following questions, consider *The Mathematician's Lament* by Paul Lockhart assigned 1/22.
 - (a) [2] Describe the nightmare that the musician had.
 - (b) [2] How does the nightmare by the musician parallel the mathematicians experience as described by Lockhart?

4. [6] Fold the Elephant's Head whose directions are below and turn in the result with the quiz.



5. [2] Identify any techniques you used during this quiz to help you focus on the questions/material.