## tcore 112: Quiz 4

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

1. [4] (Lang pg 93-97) Identify the name of the base and it's variation that is used in the directions below.

2. (Activity3 \#4) Consider a transversal line $t$ making eight angles as it crosses lines $m$ and $p$. For each of the following statements, if they are always true, write true and provide brief justification. If the statement is not always true, provide an example when the statement is false.
(a) [3] Corresponding angles have the same measure.
(b) [3] Vertical angles have the same measure.
3. [2] (Lang pg 97-100) Describe a scenario when an origami designer may want to use the Yoshizawa split.
4. [3] (Class Discussion 2/21) Describe a scenario in which you may choose to change a grading option from standard (S) to non-standard (NS).
5. [5] (Class Folding 2/19) Fold a stretched bird base. Note that the bird base directions are below if needed, but the stretched variation does not have directions (at least found in Lang's text!)

. Start with a square prece of poper coloured side up Fold in half and open Then fold in hay the other way.

2 Iurn thepaper over to the white side
Fold the paper in half. crease well and open, and then fold again in the othe drection


> 3 Using the creaser you have made Oring the top 3 comers of the mode down to the bottom comer.
> Flatten model
 andwards, creasewe and unfold


