## GENERAL RULES

The solid black perimeter lines indicate where to cut the paper. The cut-out should be pentagonal.

Fold the paper so 1 touches 1,2 touches 2,3 touches 3 , et cetera. Occasionally numbers will be supplemented with letters (ex: 7a and 7b). These indicate multiple points that need to touch in a single fold (ex: 7a must touch 7a, and 7b must touch 7 b simultaneously).

Outlined numbers (ex: 1) are to be folded, creased, and unfolded. Overlined numbders (ex: $\overline{1}$ ) indicate that only the top layer of paper (and not all layers) are to be folded.

The gray lines and accompanying numbers in parentheses illustrate where each fold should crease the paper. After making each fold, double check that you did it correctly by unfolding it and ensuring the crease is in the right place.


## INSTRUCTIONS

Fold $\overparen{\pi}$ to $\overparen{\jmath}$, crease, and unfold.
Fold 2. to 2, crease, and unfold.
Fold 3 to 3 , crease, and unfold.
Fold 4 to 4 , crease, and unfold.
Fold 5 to 5 , crease, and unfold.
Fold $\sqrt{5}$ to $\sigma^{5}$, crease ONLY along the dotted line on the back, and unfold.
Fold 7 to 7 , crease ONLY along the dotted line on the back, and unfold.
Fold $\&$ to $\&$, crease ONLY along the dotted line on the back, and unfold.
There is no fold 9.
Fold 10 to 10 , crease ONLY along the dotted line on the back, and unfold.
Fold 11 to 11 , crease ONLY along the dotted line on the back, and unfold.

Tricky: Re-fold the last 5 steps simultaneously. This will result in a 3-D star-shaped pattern.

Fold all five asterisks (*) down so that they are hidden from view. This will shape the petals. Experiment with different angles of folds to create different petal shapes.

Carefully coax open each of the five petals

