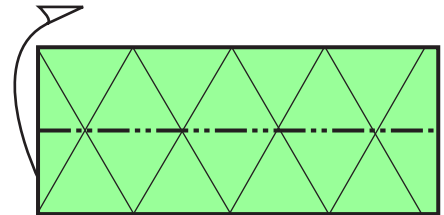# $ Tetrahedron

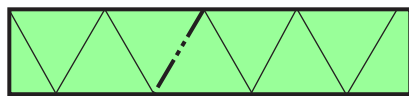A dollar bill (66mm x 157mm) produces a model 38mm on a side.

1. Either side up.
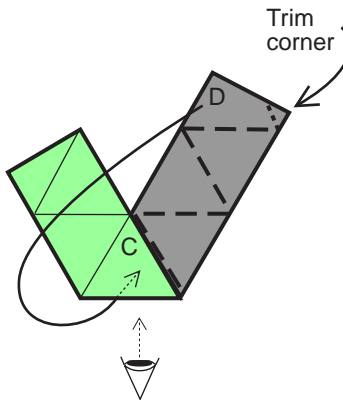Mountain crease bisector.

A
B
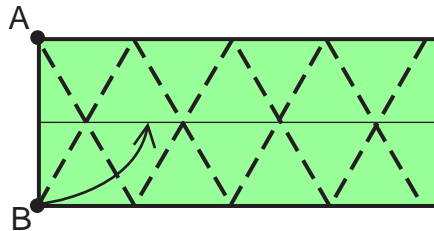
2. Pivoting on A, bring B to horizontal crease. Repeat symmetrically. Propagate 60-degree valley creases, for a total of 8 creases.
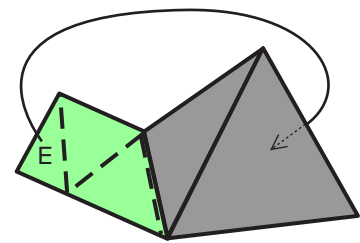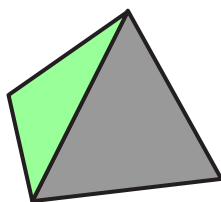
3. Swing behind.

4. Reverse-fold.
Rotate 60 degrees.

60°

Trim corner

D

C

5. Triangle C will be the base of the tetrahedron. All valley folds are 120-degree planar angles. Tuck D into pocket at bottom edge of C.

E

6. Model is now 3-D.
Wrap around with 120-degree planar valley folds, and tuck E into pocket on right side of front face.

7. Done.
There are 2 pockets you could have tucked E into.
The one in the front face covers the seam, but locks loosely.
The one in the right face makes a tighter lock, but leaves the seam visible.