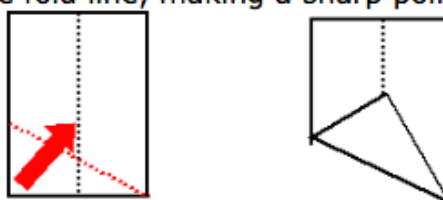


**Can you explain and why folding a piece of paper as shown produces an equilateral triangle?**

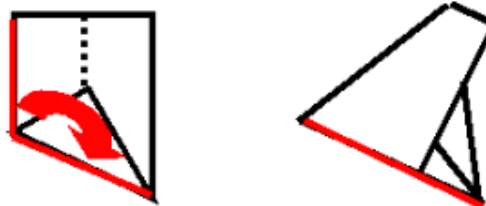
1. Fold the paper in half long-ways, then open it out flat.



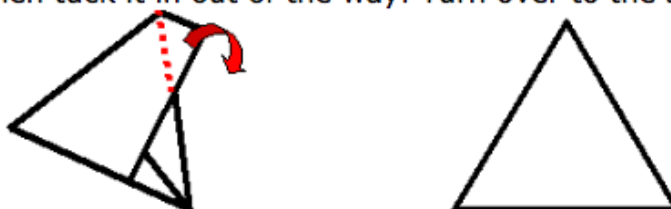
2. Fold a bottom corner up to touch the fold line, making a sharp point on the other corner.



3. Now fold the two RED edges together.



4. Fold under the corner and then tuck it in out of the way. Turn over to the smooth side.



Also see: [Paper Folding - Models of the Platonic Solids.](#)