**Honors Geometry Symmetry Constructions Name:**

1. In the diagram below construct AND LABEL:
   1. The reflection of segment  through point P.
   2. The reflection of point P over segment .



1. In the scalene triangle below construct AND LABEL:
   1. M, the midpoint of .
   2. The reflections of D, E and F through point M.
   3. Identify quadrilateral D’F’E’F.



1. Name three capital letters of the alphabet that have:
   1. Exactly one line of symmetry.
   2. Two lines of symmetry.
   3. Point Symmetry, but *not* line symmetry.
   4. Point symmetry *and* line symmetry.