First Construction C1: Polygon Tiles

tools products

pencil equilateral triangle

pen square

ruler golden rectangle

compass pentagon

colored pencils Penrose tiles

packing tape small pentagon

scissors hexagon

paper

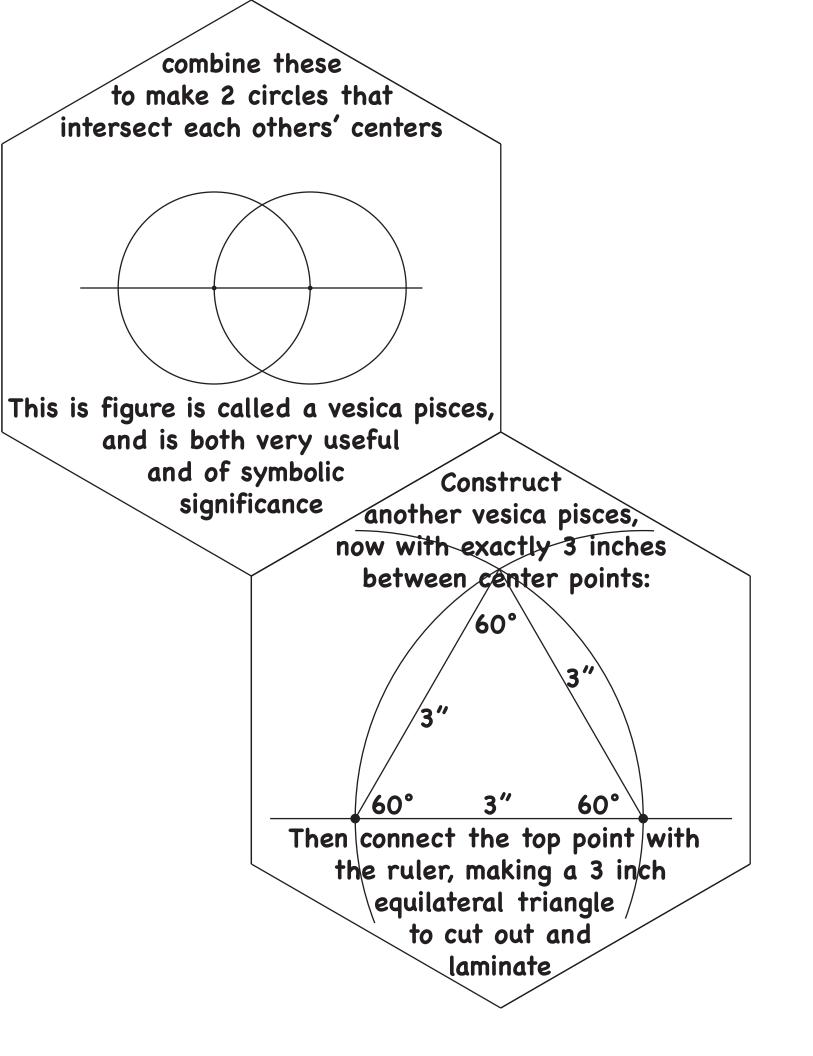
pencil sharpener

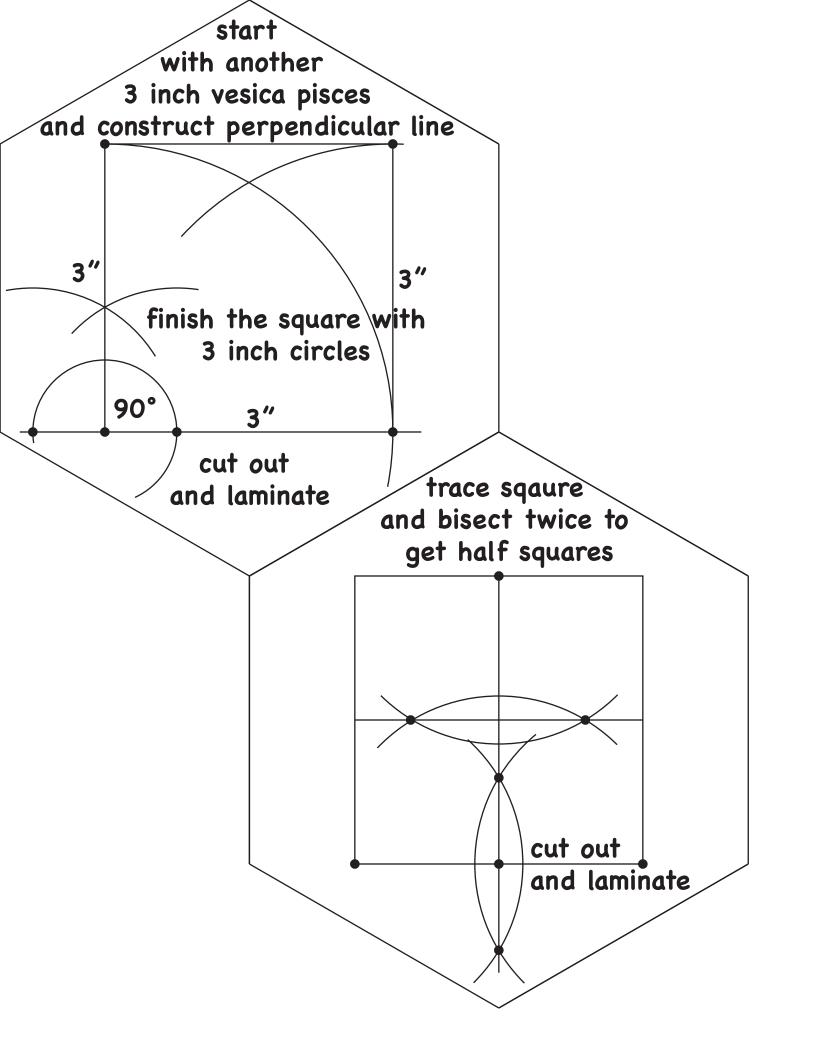
Begin with a point:

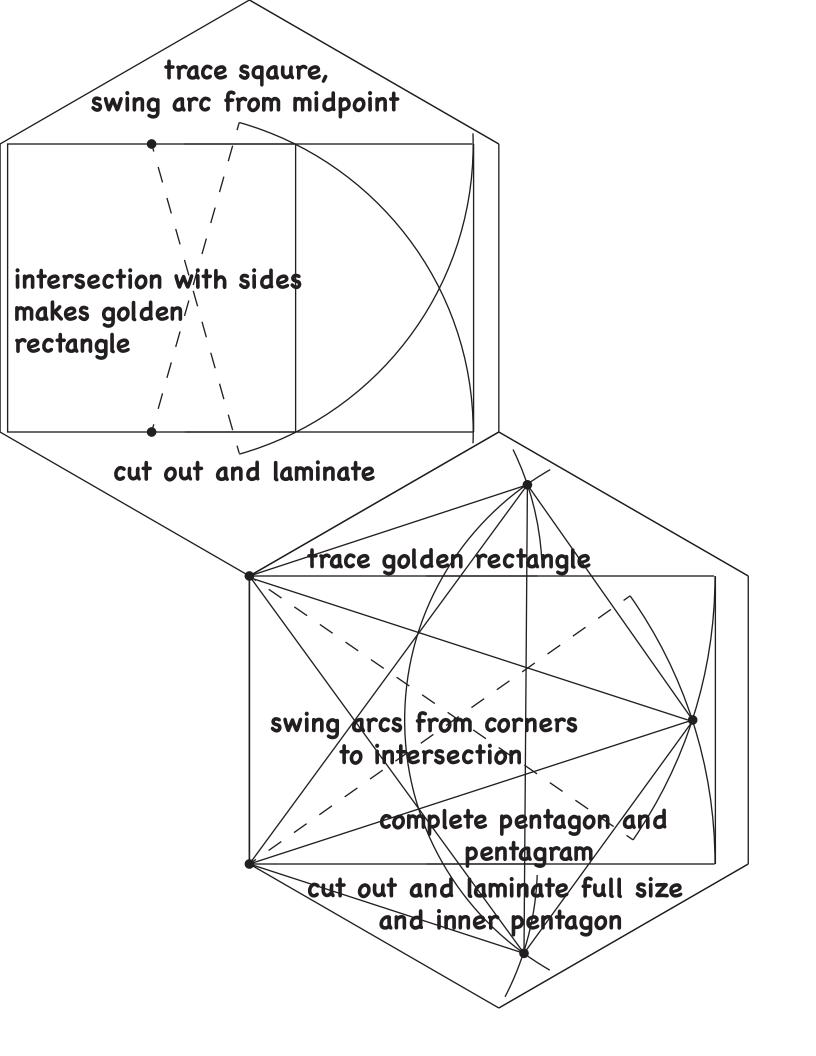
a single dot drawn with a pen.

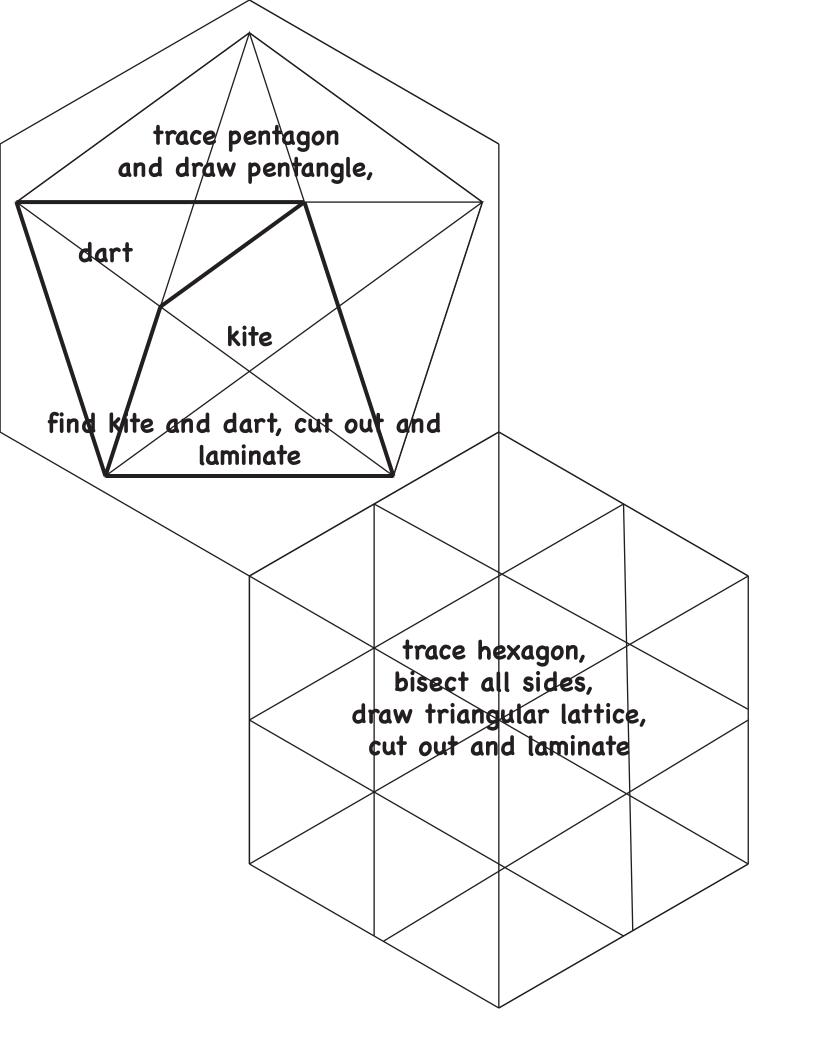
Then draw two, and draw a line through them:

Now draw another point, draw a circle around it with the compass, and ink over it with a pen to make it dark:









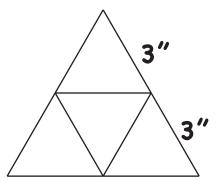
Second Construction C2: Platonic Solids

tools products
pen tetrahedron
ruler cube
packing tape octahedron
scissors icosahedron
paintbrush dodecahedron
paint templates for all
cereal boxes

C2-1

scoring point

trace out tetrahedron net with 3 inch triangle, color, cut out and laminate



exactly 3 times the size of figure

