

Faceted Gem Painting

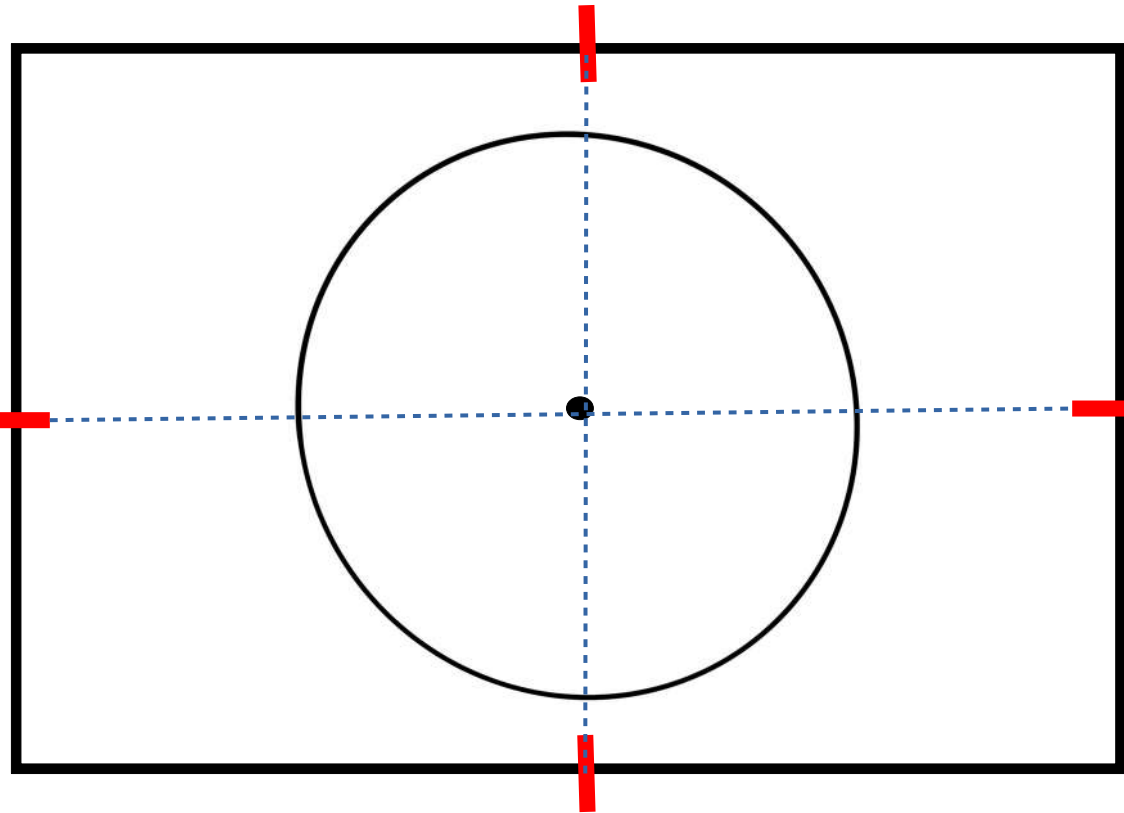


Drawing your Gem



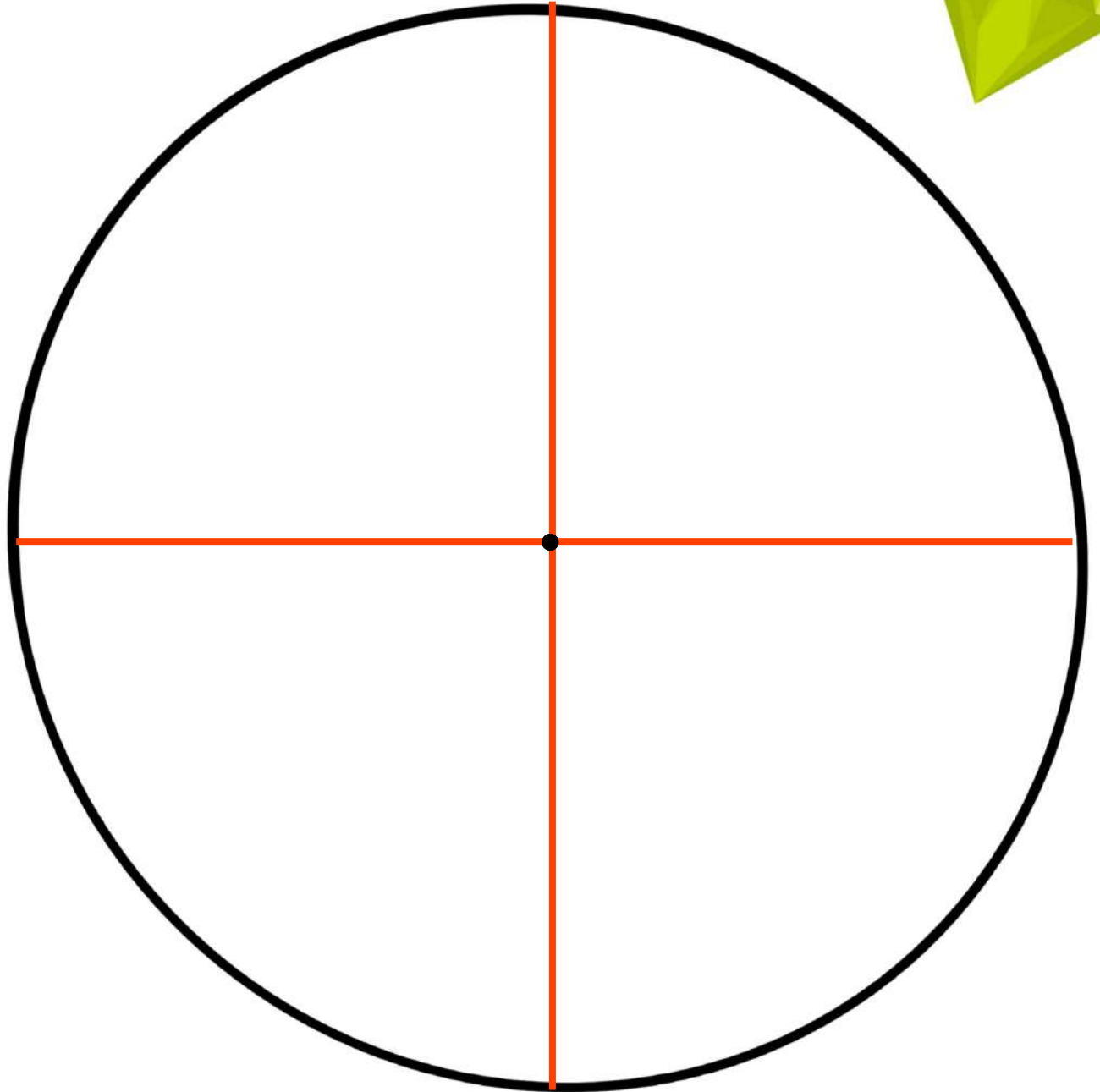
First, we need to find the center of your paper and place a small dot there. Measure each of the sides of the paper and mark the center points. Using those measurements find the exact center of your page. (You will need these measurements later so don't erase).

Put the metal grommet of the compass on that dot and, placing your pencil in the **outer most hole** on the compass, make a 10" diameter circle in the center of your page.

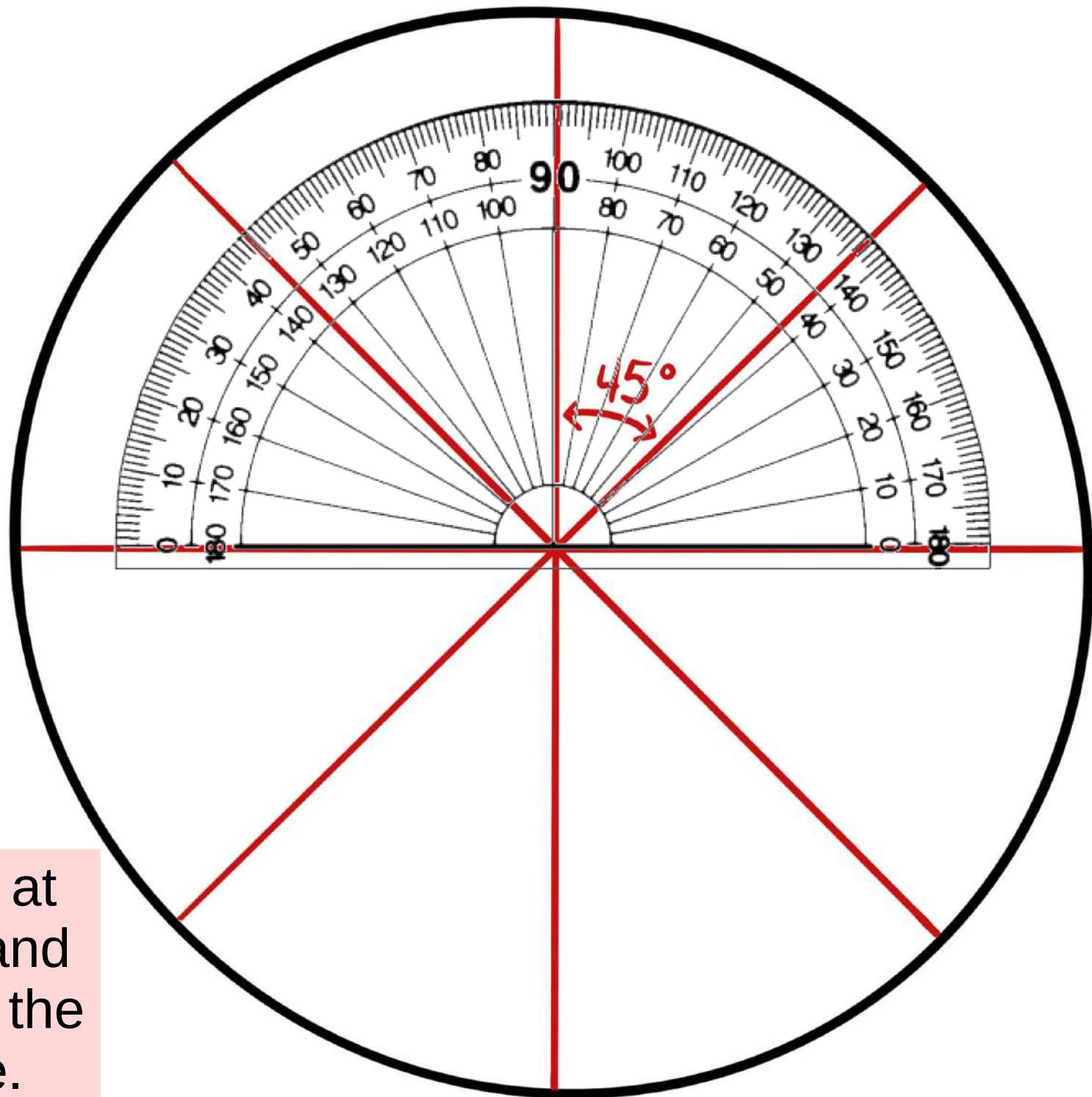


Drawing your Gem

After your circle is drawn you can use the “half way marks” to create a vertical line and horizontal line that run exactly through the center.



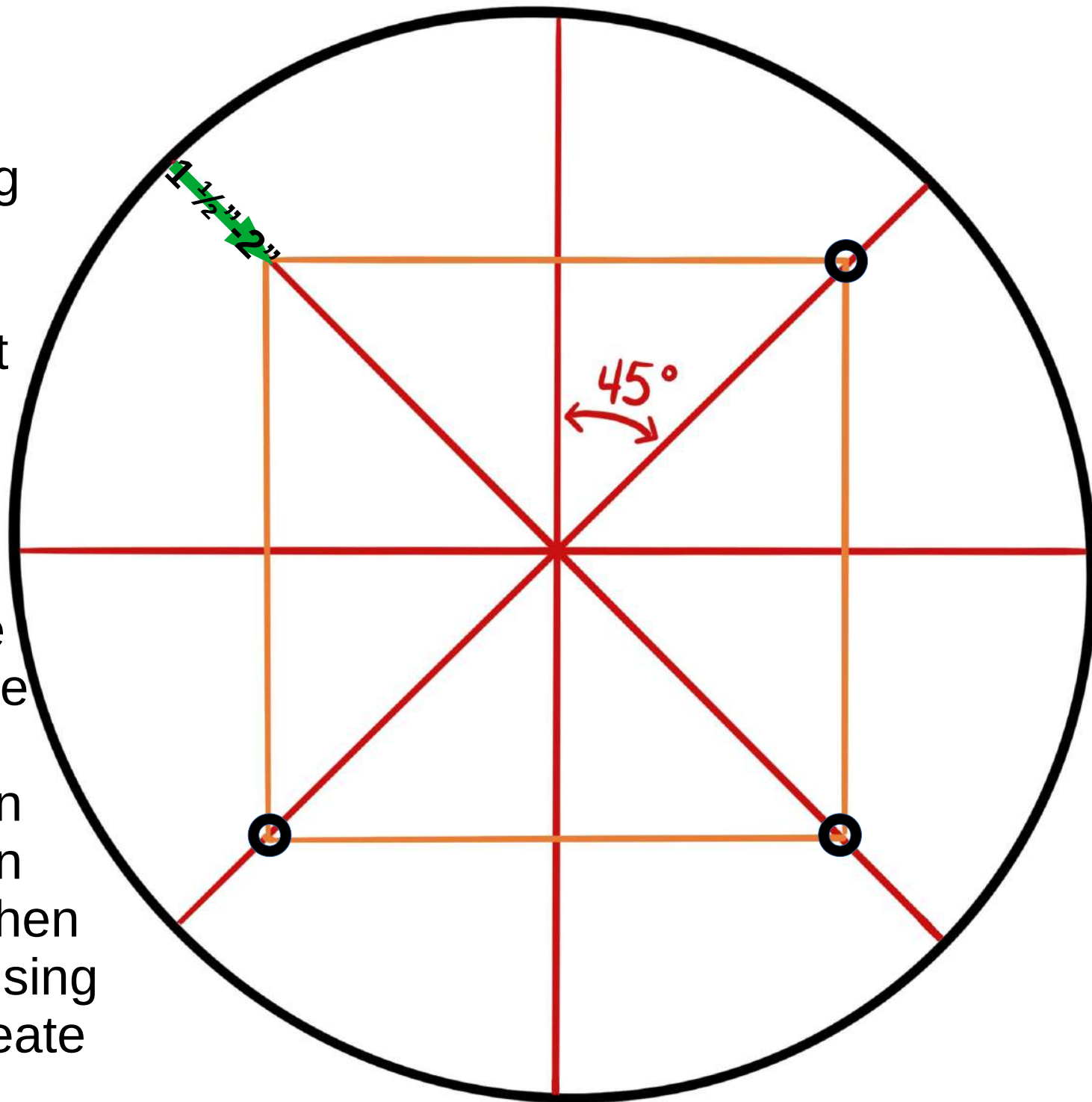
Then, using the protractor and the vertical and horizontal line, mark off where the 45 degree marks are in each of the quarters.



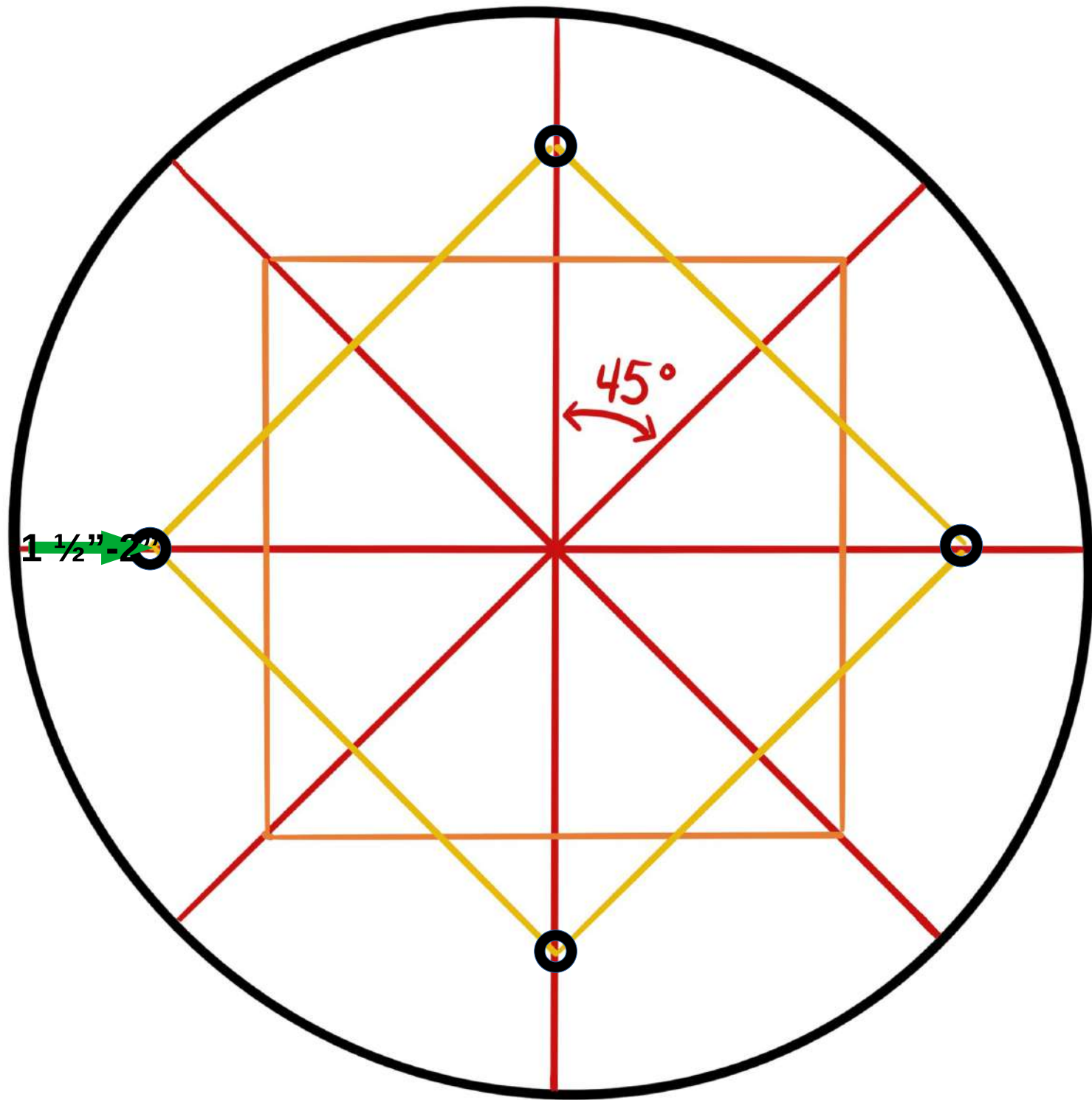
“45 degrees” is at **45** on the left hand side and **135** on the right hand side.

Decide where you want your inner square to be (I recommend it being somewhere between 1.5 and 2 inches...whatever it is, you need to remain consistent).

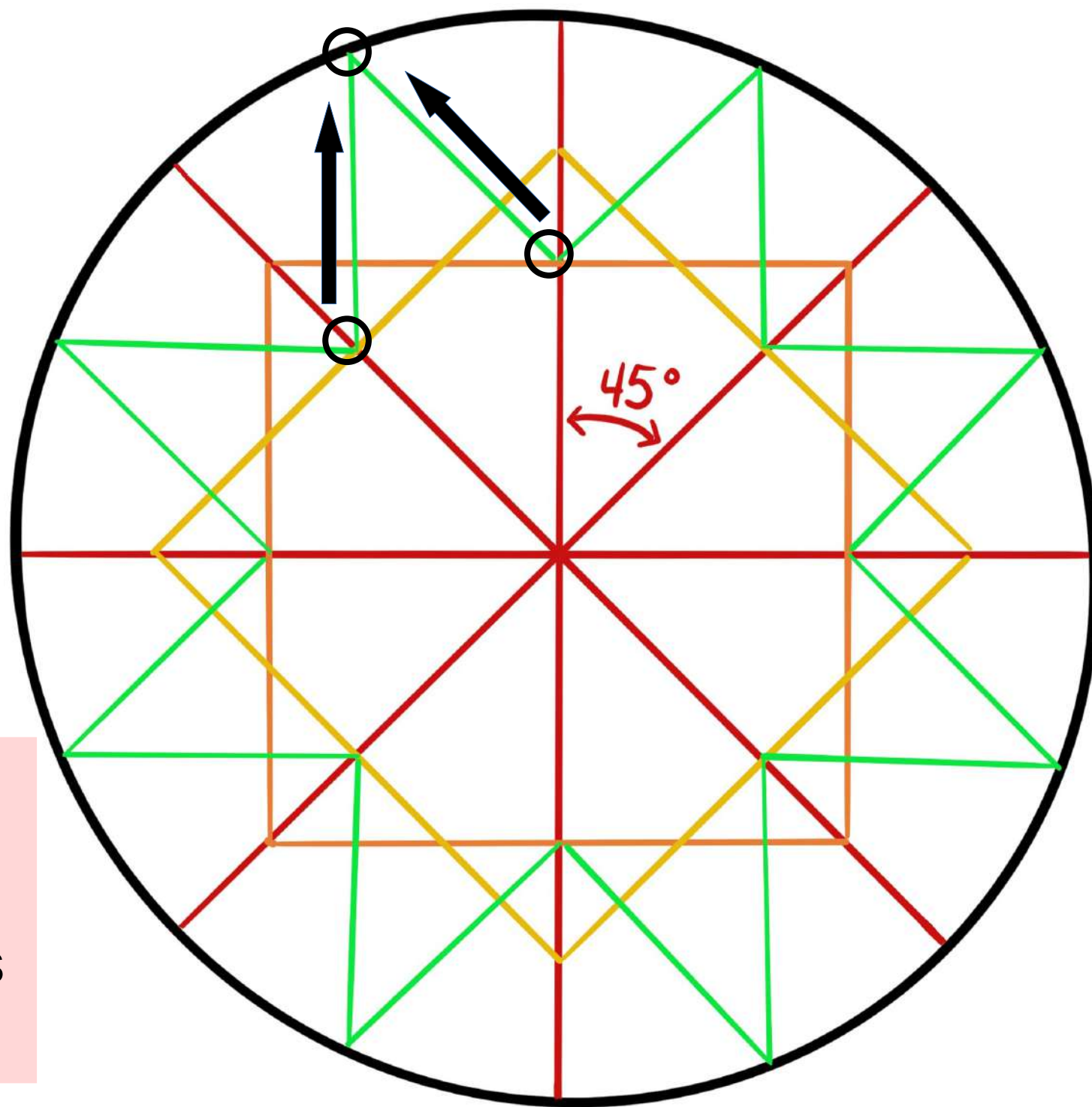
Make your mark on one interior line and then repeat the measurement on every other line. (In this case, I did it on every diagonal). Then connect the dots using straight lines to create a square.



Repeat the same process for the other interior lines. Use the same measurement (1.5"-2") and create your second square.

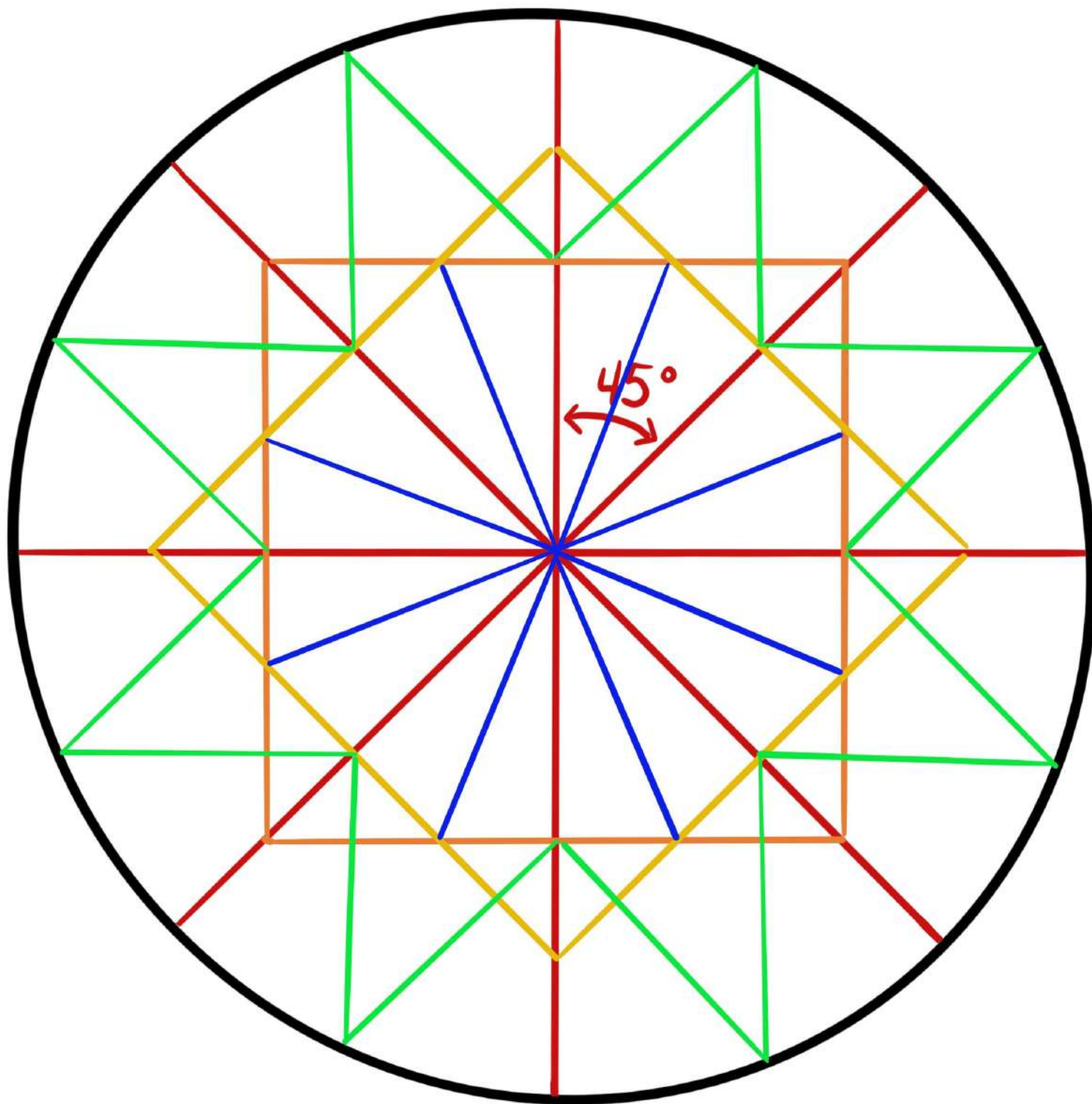


Connect each intersecting point of each 45 degree slice to the center of the arch.

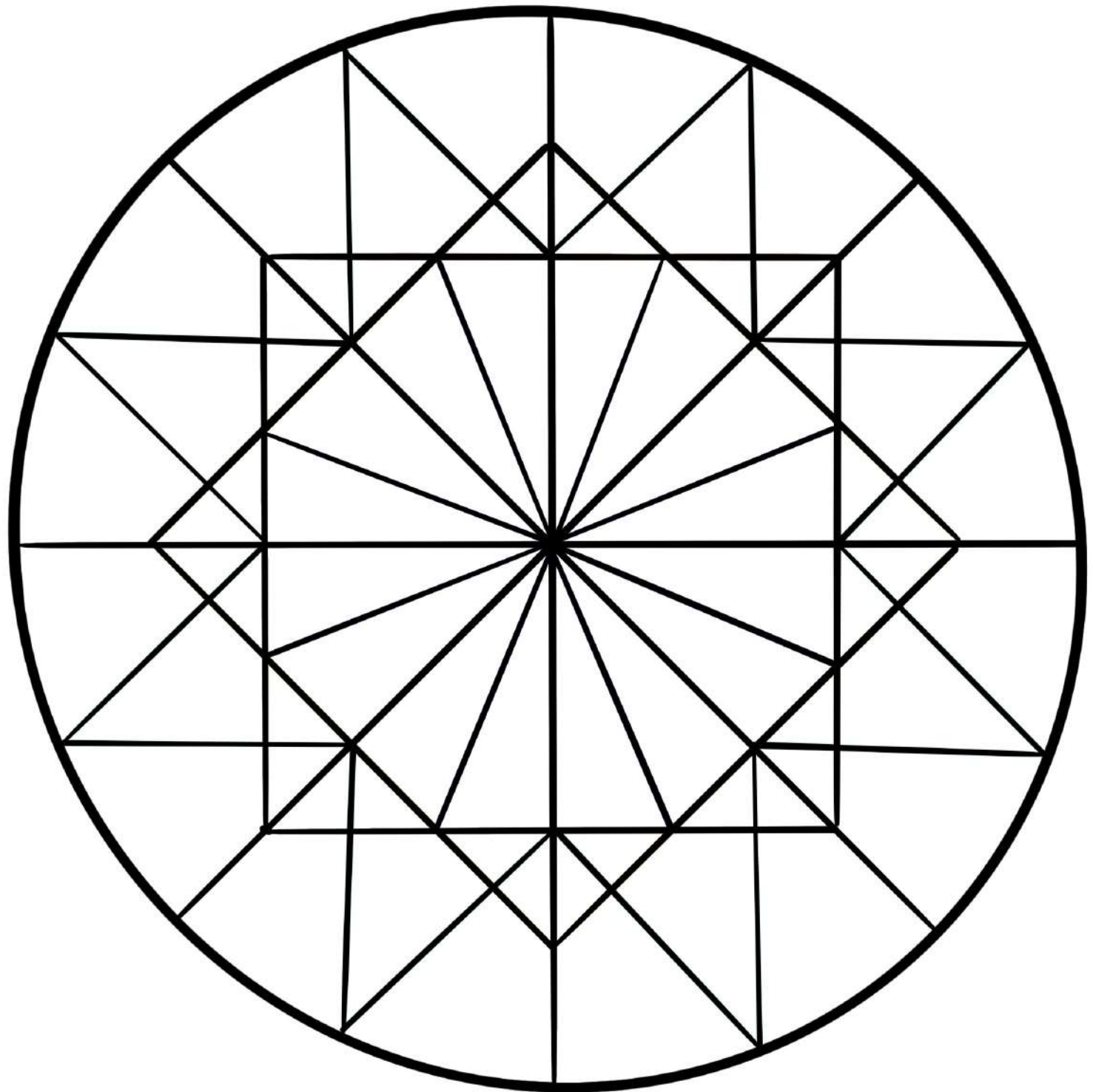


If you need help with this, please let me know...I know this step is a little tricky.

Add the “blue” lines. They will begin in the center of each 45 degree angle and extend until they hit the “yellow” and “orange” intersection

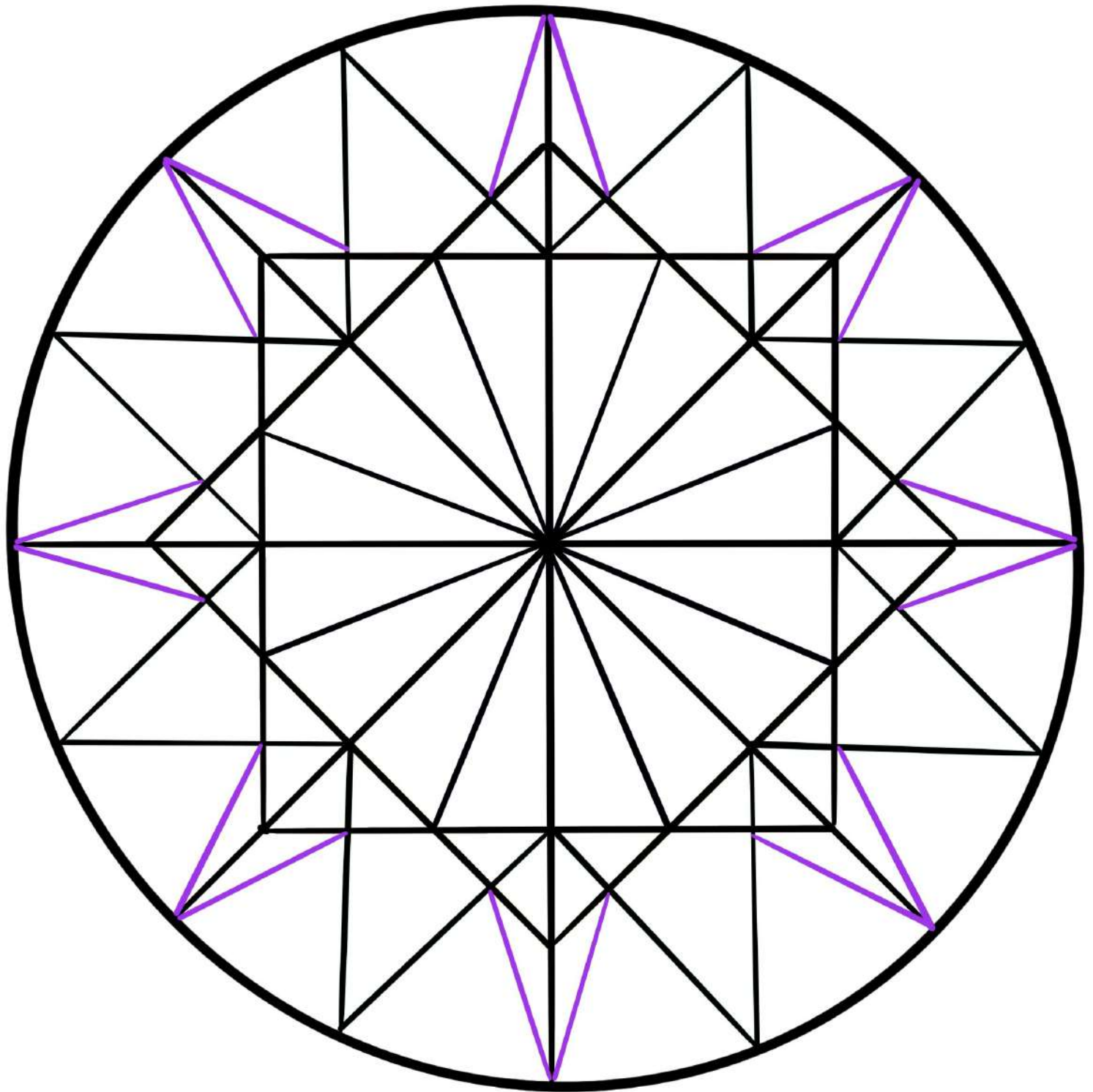


This is
what your
finished
“basic”
gem
should
look like.



If you want to add additional facets go for it! Just make sure that they are balanced and radial all the way around the gem.

The purple is an example of a further step you can add to the design to give it more facets.





Specific Swatching



For our project we are going to use an analogous set of colors (5 specifically) and the tints, shades, and tones of each color to fill in the facets of the gems. Although we generally think of a gem as one color (for example a emerald is likely thought of as green), because of the way light refracts within the stone, we see a wide range of colors that vary in value.

Before we begin painting our gem, we will start with another swatch practice page, but this time you will be focusing on **ONLY** the colors that you are choosing for your stone. You will need to choose the main gem color you want and we'll go from there.

- Using an 8"x10" paper, measure down the page in 1 inch increments and then eyeball six columns (divide in half and then divide each side into three).
- Choose the **main color for your gem**. It can be a primary, secondary or tertiary. The rest of the top row will be the two other colors to it's right and left on the color wheel.
- The rest of the sheet will be filled in with the three tints, tones, and shades of each color. These will be the colors that fill in your gem.

	orange	RO	<u>Main</u> Red	RV	violet
Tint 1 (+ white)					
Tint 2					
Tint 3					
Tone 1 (+ gray)					
Tone 2					
Tone 3					
Shade 1 (+ black)					
Shade 2					
Shade 3					

Now to paint the beautiful gems!

There is no specific way to paint your gem but what you're going to aim to do is try to mimic the refraction of light that we see in real gems. You will be using only the palette that you created using the analogous colors and their tints, shades and tones.

There should be a balance of light and dark values but still have a certain level of randomness to it. Use the whole color spectrum you're working with, as light creates different colors even within a stone that is "one" color.



These are just a small sample of faceted gems that you can reference.



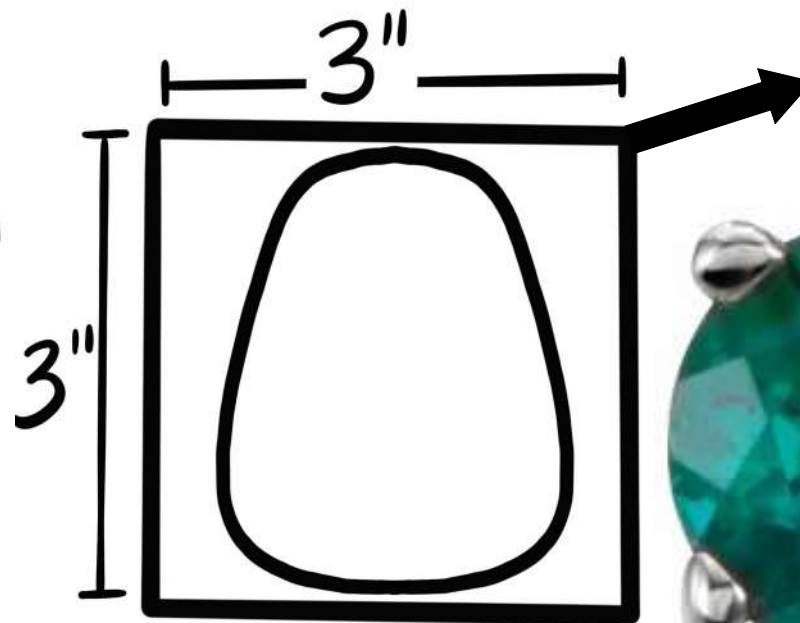
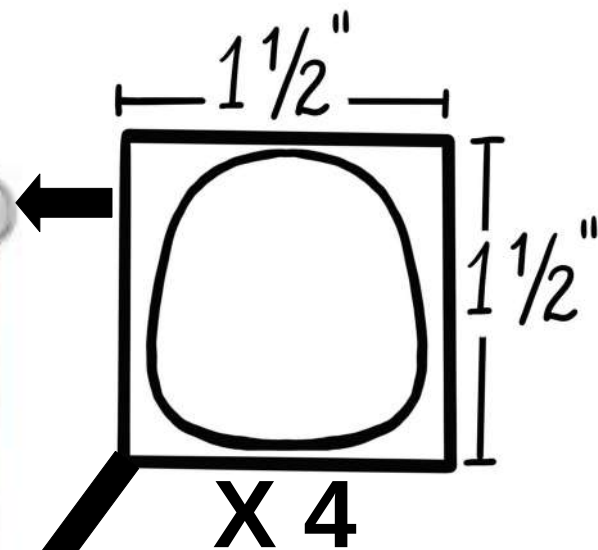
Feel free to do your own research and find an example that might better fit your color palette .

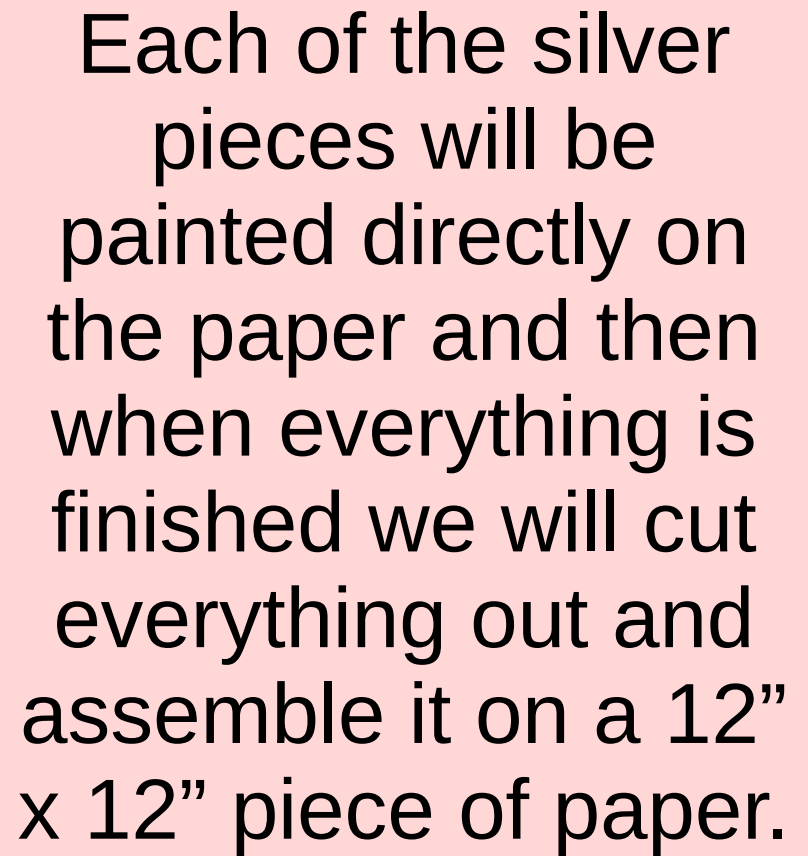


Before we move on to our painting...
we should quickly add our pendant pieces.

These will be painted a medium gray to simulate silver and then lighter and darker areas will be added to show highlights and shadows.

On your sheet of paper, there will be some extra blank space outside of your gem. Use these spaces to draw your pendant pieces. The smaller brackets should look kind of like a gumdrop and be approximately $1\frac{1}{2}$ " by $1\frac{1}{2}$ ". The top piece will look similar but it should be elongated and





In order to get the right look for the metal pieces, you can use the photographs from the previous slide as a references.

Here is an example of a finished gem.

Note the nice even application of paint and crisp, precise edges...these are both important to give your gem a realistic look.



The finished pro, we will mount it on a colored sheet of paper and add faux metallic mounting and a chain.



Real
classy!

