


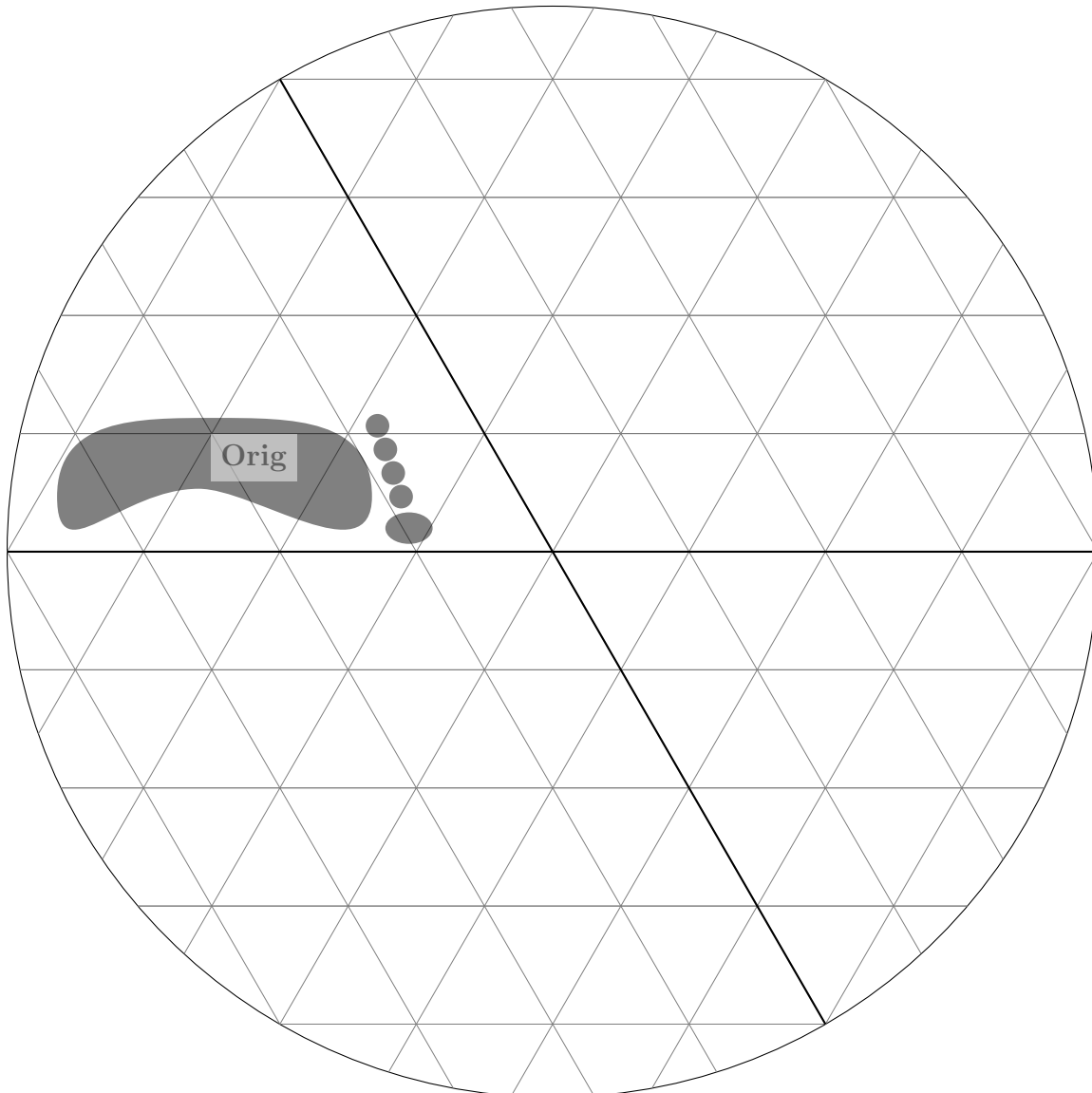
Drawing a foot:

Step 1 is to draw a kidney bean: 

Step 2 is to add some toes: 

Now apply some rigid motions. We'll begin with reflections so we can use the **Miras**. The Mira works best with the light behind you, the object you want to reflect between you and the mira, and the "notched" end of the mira up and facing you. To draw the reflection, put your pencil behind the mira and draw right on top of what you see.

- (1) **Rotate your paper 180**, and then reflect the printed foot over the horizontal line using the mira.
- (2) **Turn the page so the original points the way your foot points**, and then reflect both feet over the diagonal line.
- (3) Is there something missing? More feet? Another line? A rotation center?



Now we try again with a different diagonal.

- (1) **Rotate your paper 180**, and then reflect the printed foot over the horizontal line using the mira.
- (2) **Turn the page so the original points the way your foot points**, and then reflect both feet over the diagonal line.
- (3) Is there something missing? More feet? More lines? A rotation center?

