

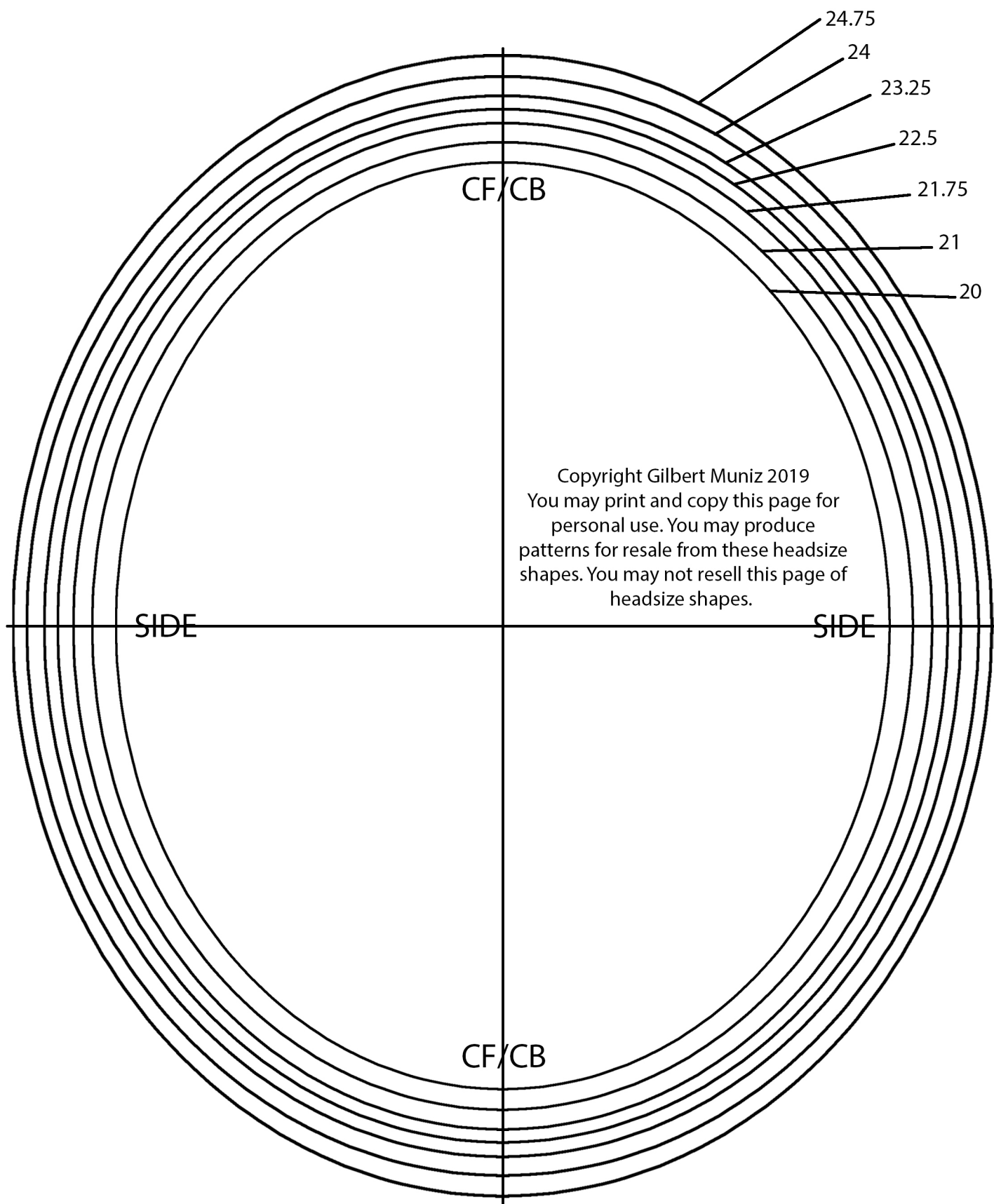
Every hat in this series is drafted from a head size + ease measurement. Your head size is determined by measuring your head at the desired point from which you wish the brim to extend or the band to rest on your brow. This is usually around the top of the ear or just over the eyebrows.

Ease is an added measurement which allows a hat to be comfortably worn on the head. Ease is completely subjective and determined by the following factors: head shape, fullness of hair, head size, thickness of fabric, and personal preference. If you like your hat to fit snugly, use little to no ease. If you prefer a looser hat, use more ease. I prefer a snug fit, so I use very little ease (usually no more than $\frac{1}{2}$ inch, or rounded up to the next whole measurement) added to the head size measurement, but this can vary based on the hat style.

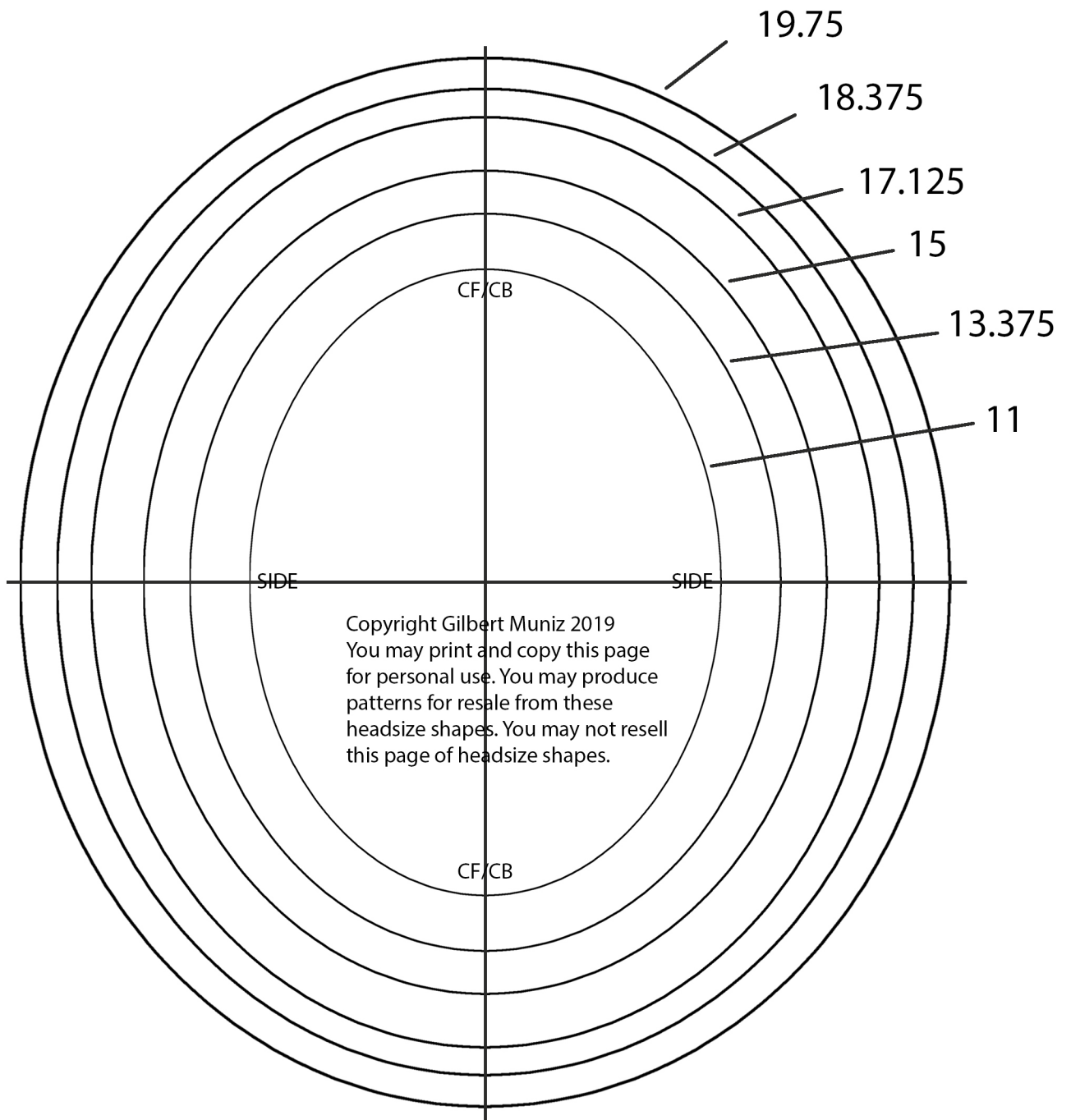
Another measurement you might need is a crown depth. This measurement determines how far down on the head a hat will sit. This measurement is a true measurement for sectional crowns.

For head size, find a comfortable place above your eyebrows/around the top of your ears and measure around with a measuring tape. The tape should not be pulled tight, just comfortable against the head. If you want to add ease, loosen the tape and determine how much you feel comfortable with.

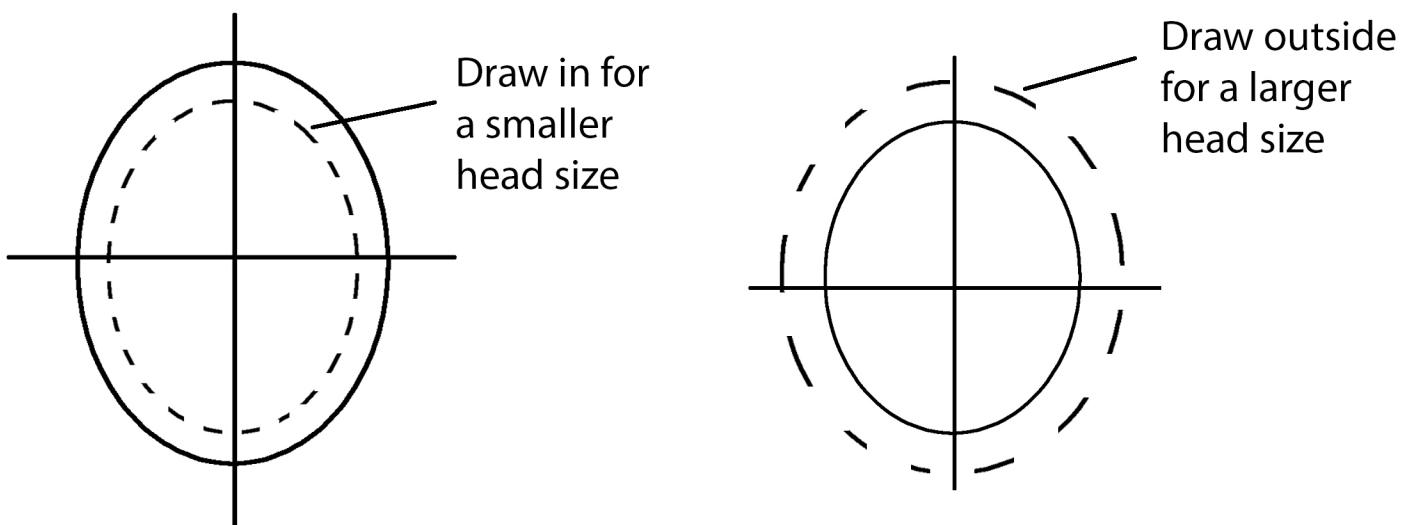
For crown depth, find the approximate center of the top of your head and measure down to the point on the ear that you want the crown to stop. For an oversized crown, you can increase this measurement as much as you want.



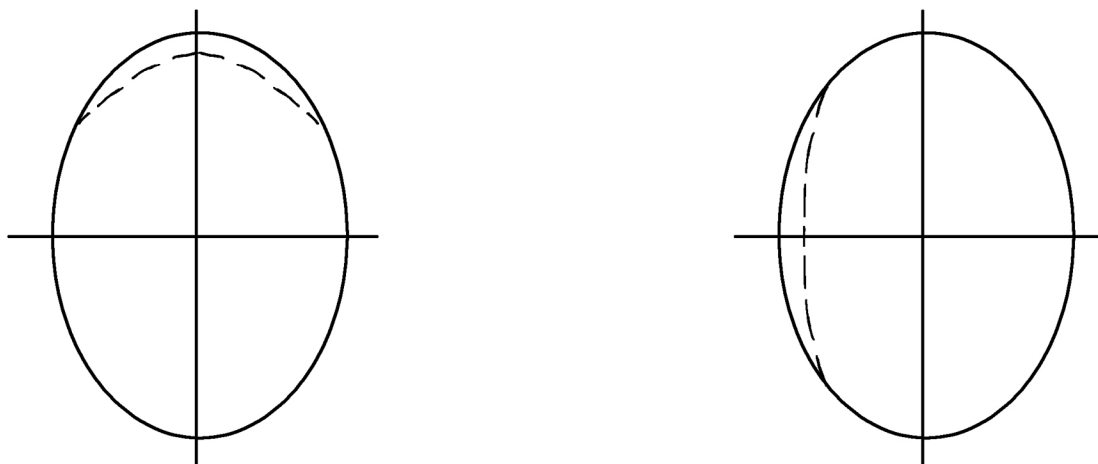
Smaller Head Sizes



If you don't have a head size shape that fits your head, you can adjust an existing shape to get an exact measurement. Find a head size shape that comes closest to the measurement you need. Trace the shape on paper. By simply cutting to the inside (makes the oval smaller) or outside (makes the oval larger) of the line, you can make miniscule adjustments to the shape. If you need to make more obvious changes, on one side of the oval, and following the shape of the oval, draw in for a smaller size, or draw out for a larger size. Make small adjustments at first to dial in the measurement you need. This will give you half of the measurement, so multiply it by 2 to get your full head size measurement. Once you get the measurement you need, fold the oval along the CF/CB line to get the complete shape.



Due to the shape of the head, not every oval will fit every shape. You can make slight adjustments on the long or short sides to get a shape that better conforms to your head shape. To do this, come in on one side/end and blend the adjusted line back to the original line. Readjust the measurement as above to get it perfect. Fold along the CF/CB line or side line to get the full head size shape.



Fraction Conversions

$$1/16 = .0625$$

$$1/8 = .125$$

$$3/16 = .1875$$

$$1/4 = .25$$

$$5/16 = .3125$$

$$3/8 = .375$$

$$7/16 = .4375$$

$$1/2 = .5$$

$$9/16 = .5625$$

$$5/8 = .625$$

$$11/16 = .6875$$

$$3/4 = .75$$

$$13/16 = .8125$$

$$7/8 = .875$$

$$15/16 = .9375$$