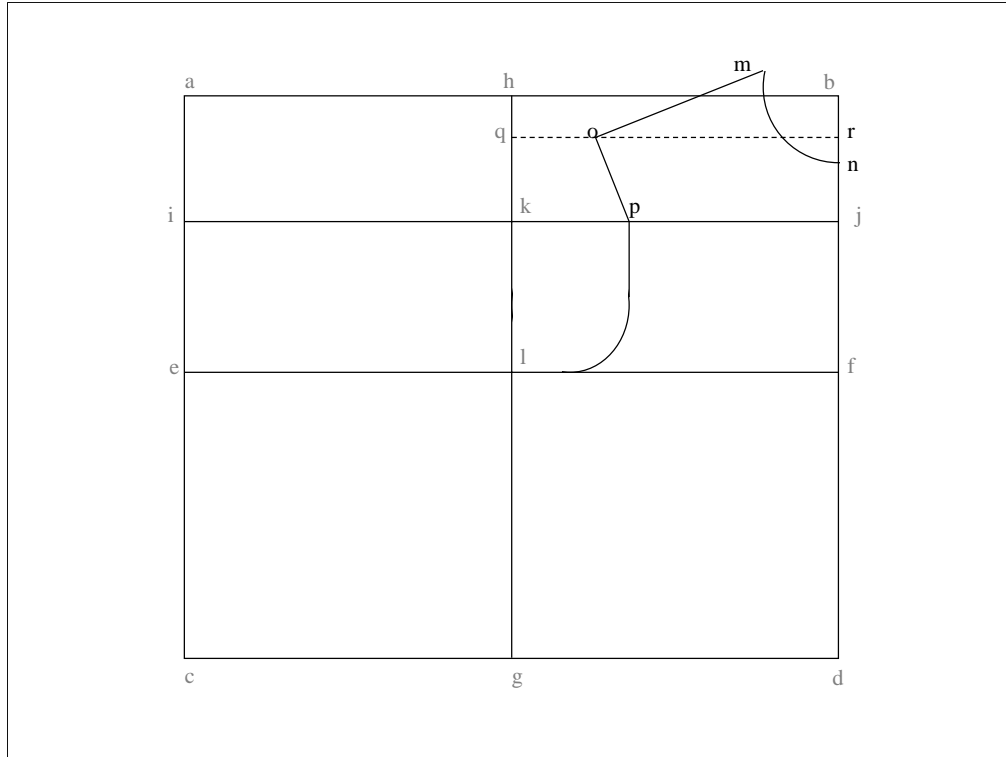


Drafting The Female Body Sloper

1. Begin by drawing a rectangle, $abcd$, where ac is the back nape to waist measurement + the width of the bust dart, and line ab is $1/2$ the bust measurement.
2. Divide the rectangle in half vertically, line hg , and horizontally, line ef .
3. Divide the upper section in half horizontally, line ij .
4. Label the intersections k and l , as shown.



Previous portions of the drawing have been grayed for clarity.

Neckline

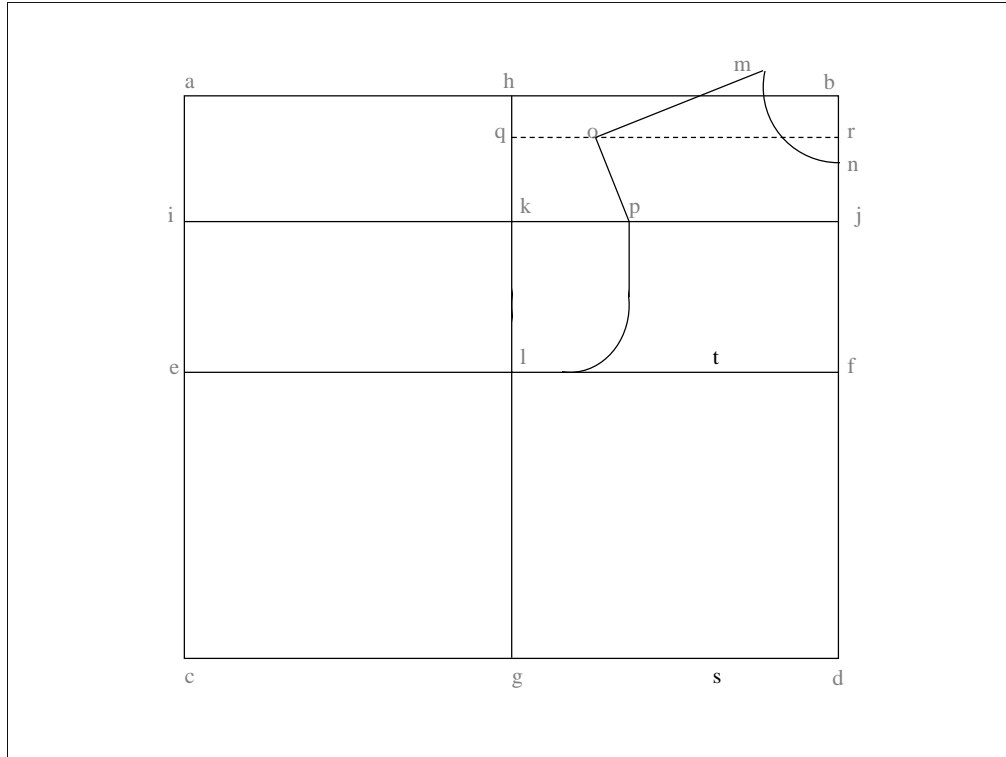
5. Mark point *m* 3" to the right of point *b* and 1/2" up from line *hb*.
6. Mark point *n* on line *bd* 2-1/5" down from point *b*.
7. Connect points *m* and *n* with a curve.

Neck To Shoulder

8. Draw a dotted line 1-3/8" below line *hb*.
9. Place the end of your ruler on point *m* and angle it until the ruler touches line *qr* at the neck to shoulder measurement. Label point *o*.

Armhole

10. Mark point *p* on line *kj*, 1/2 the front width measurement from point *j*.
11. Connect *p* with *l* with a gently curving line.



Previous portions of the drawing have been grayed for clarity.

Neckline

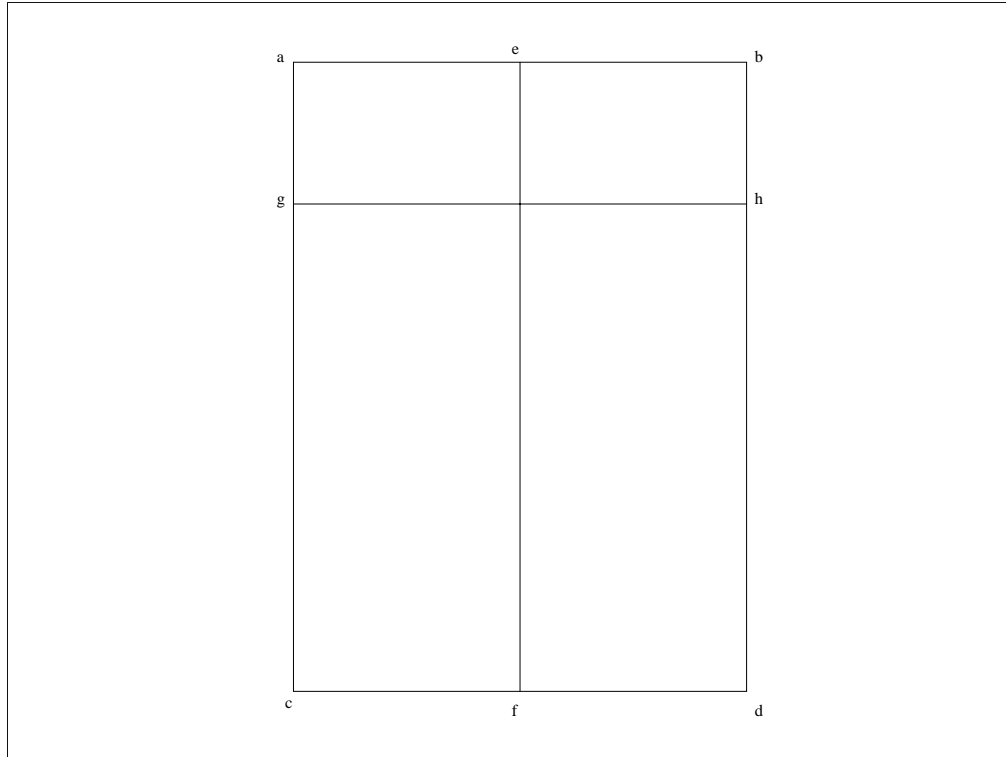
5. Mark point *m* 3" to the right of point *b* and 1/2" up from line *hb*.
6. Mark point *n* on line *bd* 2-1/5" down from point *b*.
7. Connect points *m* and *n* with a curve.

Neck To Shoulder

8. Draw a dotted line 1-3/8" below line *hb*.
9. Place the end of your ruler on point *m* and angle it until the ruler touches line *qr* at the neck to shoulder measurement + 1/2". Label point *o*.

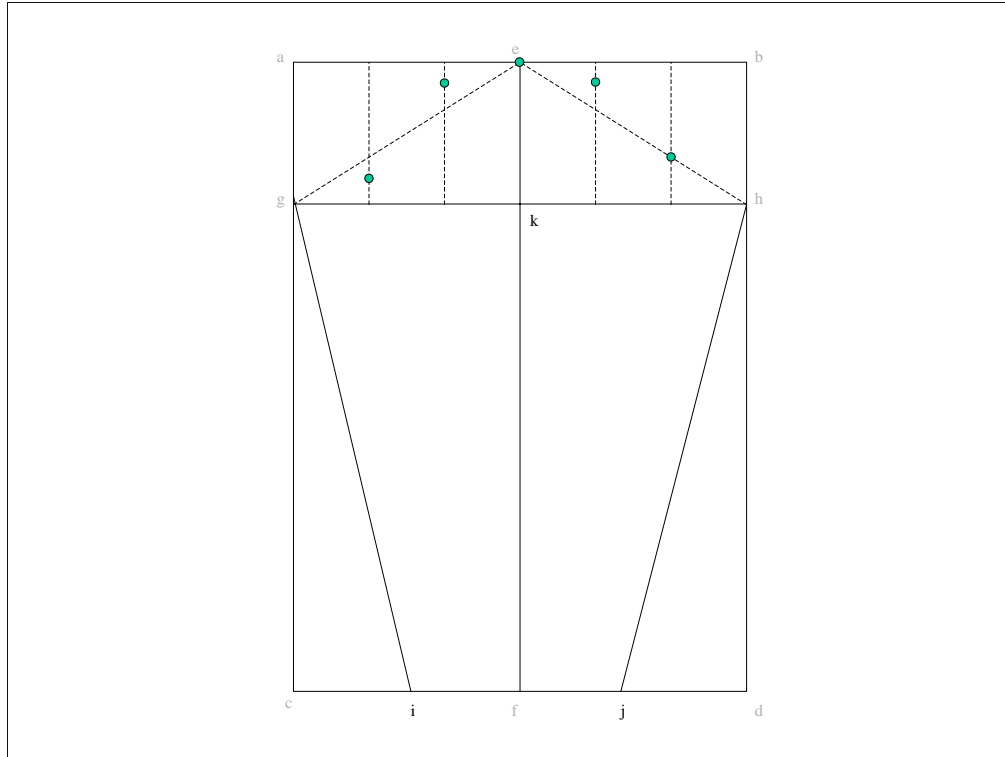
Armhole

10. Mark point *p* on line *kj*, 1/2 the front width measurement from point *j*.
11. Connect *p* with *l* with a gently curving line.

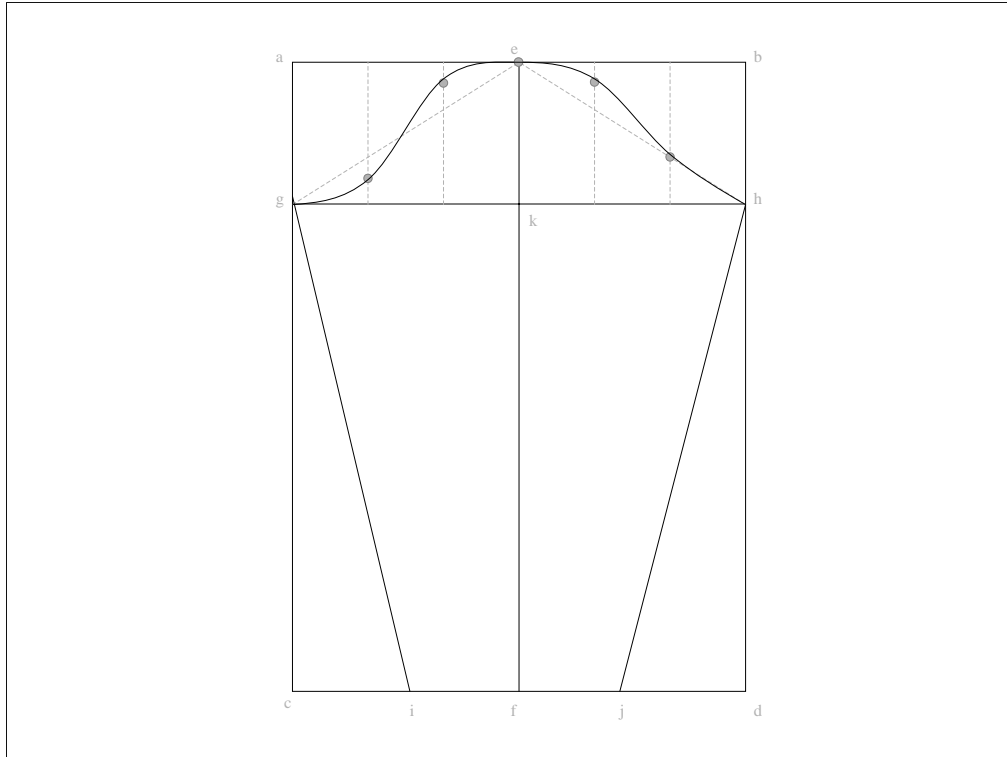


Drafting the Sleeve Sloper

1. Draw a rectangle, $abcd$, where ab/cd is the bicep measurement + 3", and ac/bd is the shoulder to wrist measurement.
2. Mark point e on line ab , halfway between points a and b . Mark point f on line cd , halfway between points c and d . Connect points e and f with a straight line.
3. Mark point g on line ac down from point a the length of the shoulder to wrist measurement minus the underarm measurement. Mark point h in the same fashion on line bd .



4. Mark point *i* on line *cf*, $\frac{1}{2}$ the wrist measurement + $\frac{1}{2}$ " from point *f*. Mark point *j* on line *fd*, $\frac{1}{2}$ the wrist measurement + $\frac{1}{2}$ " from point *f*.
5. Connect points *g* and *i*, and *h* and *j* with straight lines.
6. Connect points *g* and *e*, and points *h* and *e* with straight lines. These will be used for reference, so it is not necessary to mark them heavily.
7. Label the intersection of lines *gh* and *ef* point *k*.
8. Divide rectangles *agek* and *ekbh* vertically into three equal sections each.
9. Working from left to right, mark a point on each of the vertical reference lines, relative to the diagonal reference lines, as follows:
 - $\frac{3}{4}$ below the diagonal reference line
 - $\frac{3}{4}$ above the diagonal reference line
 - point *e*
 - $\frac{3}{4}$ above the diagonal reference line
 - at the intersection of the reference lines



10. Draw a gentle curve through each of the reference points. Left of center is the front of the sleeve. Right of center is the back of the sleeve.