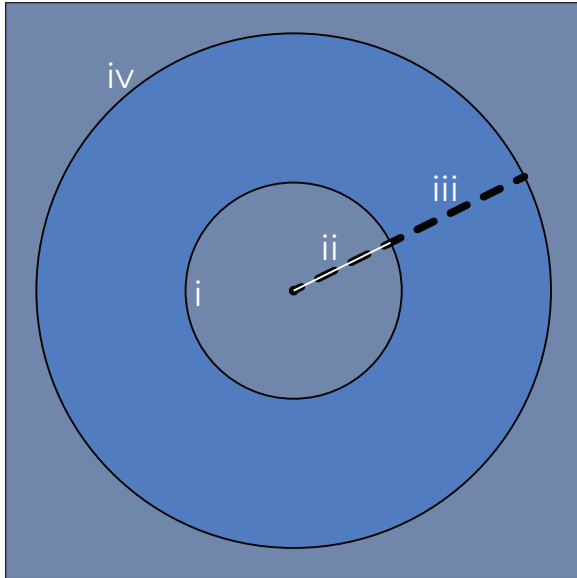


How to Draft a Flounce: Worksheet

Complete this worksheet to draft a flounce pattern piece of **any size**.

Part I: Calculations



*The illustrations are not to scale.

(i) Circumference of Inner Circle =
Upper Flounce Seam =

(ii) Radius of Inner Circle =
Circumference of Inner Circle /
($2 \times \pi$) =

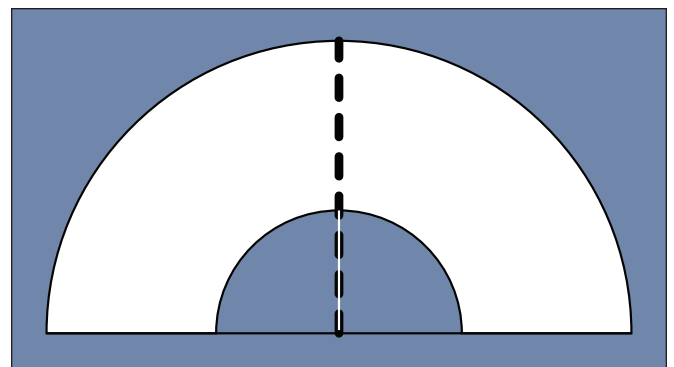
(iii) Radius of Outer Circle =
Radius of Inner Circle +
Flounce Length =

(iv) Circumference of
Outer Circle = $2 \times \pi \times$
Radius of Outer Circle =

Part II: Drafting

After you've made your calculations, draft a half-circle flounce pattern piece without seam/hem allowances. The pattern piece will be **cut on the fold**.

- Draw a horizontal line that's the diameter ($2 \times$ radius) of the outer circle.
- Mark the center of the horizontal line.
- From the center of the line, draw a perpendicular line that's the radius of the outer circle.
- Place the static element of a compass (or other circle-drawing tool) at the center of the horizontal line. Adjust the measure of the compass so it's the radius of the outer circle.
- Using the compass, draw a half circle from one end of the horizontal line to the other end of the horizontal line. (The perpendicular line from the center is a



landmark to make drawing the half circle easier.)

- From the center of the horizontal line, draw a perpendicular line that's the radius of the inner circle.
- Follow instructions d and e, substituting the radius of the inner circle.
- Add seam/hem allowances to the **inside** of the inner circle and the **outside** of the outer circle.

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