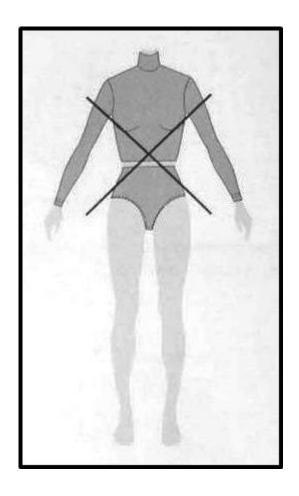
# DESIGNING & PATTERNMAKING FOR STRETCH FABRICS

# **BIKINI BOTTOMS**



You may expect that you can just cut off a **Leotard** to create a **Bikini**, but remember, the length measurements were reduced to accommodate the lengthwise stretch of the fabric. Once the **Leotard** is cut, it will spring back & be lower down on the body.

You must create a separate **Bikini** slope that does not have as much lengthwise reduction.

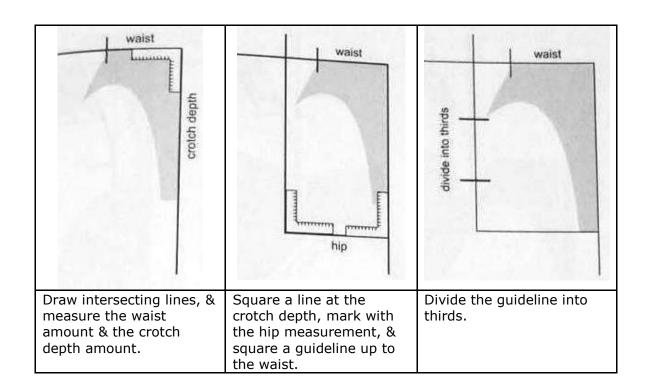
# **4-WAY-STRETCH REDUCTIONS**



Note that the crotch depth is multiplied X **0.95**, a reduction of **5%**, because the 4-way-stetch reduction of **10%** is too much, & a **0%** reduction, as in 1-way-stretch, is too little & will cause the crotch to sag.

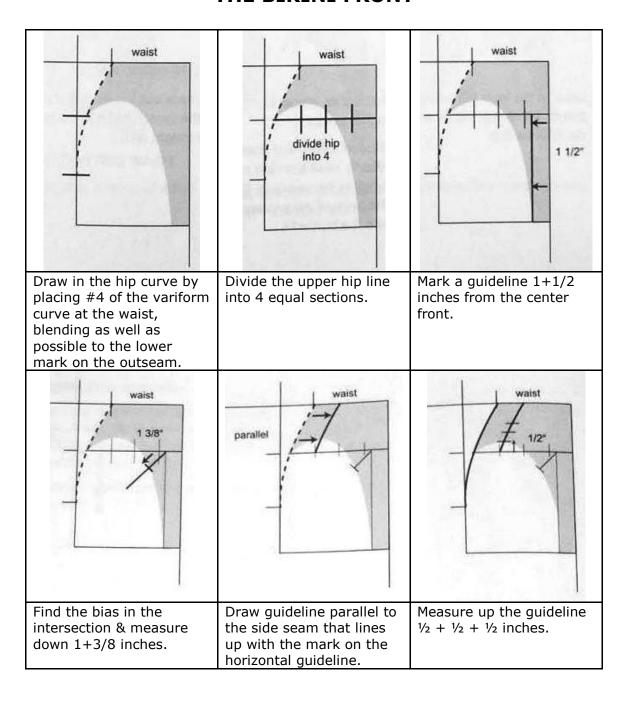
This draft is for the Bikini bottom, & should be used with 4-way-stretch fabrics.

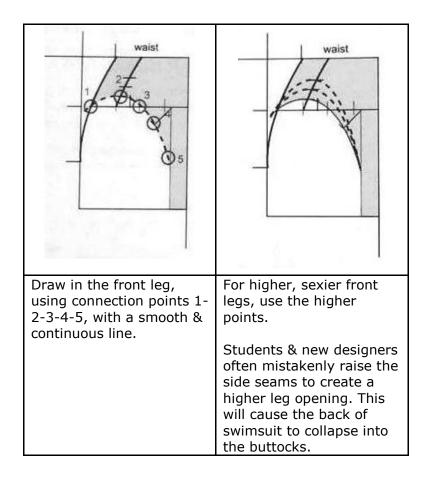
|                      |    | Waist  | Hip    | Crotch depth |  |
|----------------------|----|--------|--------|--------------|--|
| Multiply by:         |    | X 0.90 | X 0.90 | X 0.95       |  |
| Extra-Extra<br>Small | 0  | 21+1/8 | 31     | 9            |  |
| Extra Small          | 2  | 22     | 32     | 9+1/8        |  |
| Small                | 6  | 23     | 32+7/8 | 9+1/4        |  |
| Medium               | 10 | 23+7/8 | 33+3/4 | 9+3/8        |  |
| Large                | 14 | 24+3/4 | 34+5/8 | 9+1/2        |  |
| Extra Large          | 18 | 26+1/8 | 36     | 9+5/8        |  |
| Extra-Extra<br>Large | 20 | 27+1/2 | 37+3/8 | 9+5/8        |  |



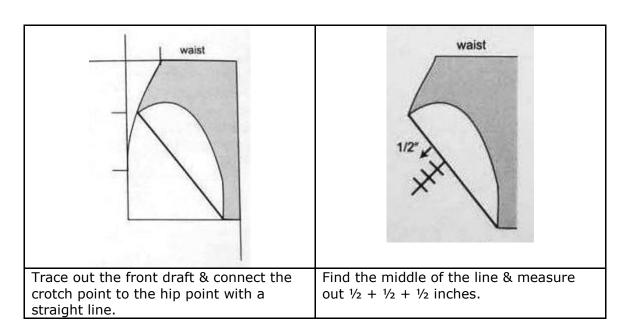
|        | Waist  | Quarter<br>of<br>waist | Crotch<br>depth | Hip    | Quarter<br>of hip | Crotch<br>depth | Thirds |
|--------|--------|------------------------|-----------------|--------|-------------------|-----------------|--------|
| Extra- | 21+1/8 | 5+1/4                  | 9               | 31     | 7+3/4             | 9               | 3      |
| Extra  |        |                        |                 |        |                   |                 |        |
| Small  |        |                        |                 |        |                   |                 |        |
| Extra  | 22     | 5+1/2                  | 9+1/8           | 32     | 8                 | 9+1/8           | 3      |
| Small  |        |                        |                 |        |                   |                 |        |
| Small  | 23     | 5+3/4                  | 9+1/4           | 32+7/8 | 8+1/4             | 9+1/4           | 3+1/8  |
| Medium | 23+7/8 | 6                      | 9+3/8           | 33+3/4 | 8+1/2             | 9+3/8           | 3+1/8  |
| Large  | 24+3/4 | 6+1/4                  | 9+1/2           | 34+5/8 | 8+5/8             | 9+1/2           | 3+1/8  |
| Extra  | 26+1/8 | 6+1/2                  | 9+5/8           | 36     | 9                 | 9+5/8           | 3+1/4  |
| Large  |        |                        |                 |        |                   |                 |        |
| Extra- | 27+1/2 | 6+7/8                  | 9+5/8           | 37+3/8 | 9+3/8             | 9+5/8           | 3+1/4  |
| Extra  |        |                        |                 |        |                   |                 |        |
| Large  |        |                        |                 |        |                   |                 |        |

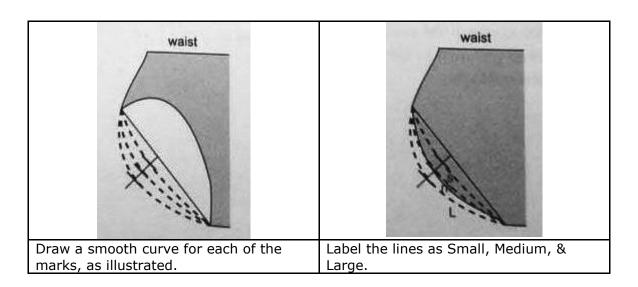
#### THE BIKINI FRONT



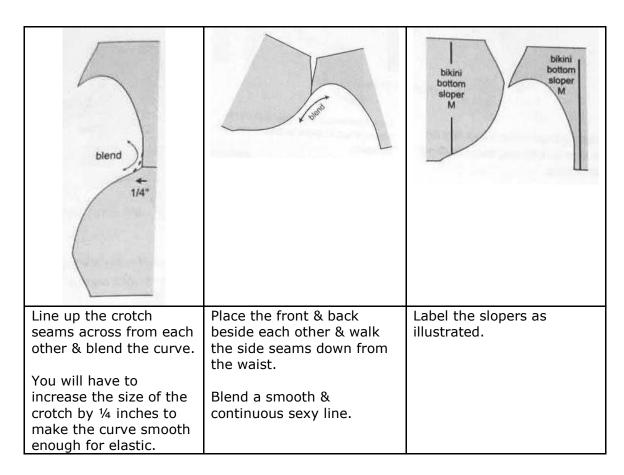


#### THE BIKINI BACK

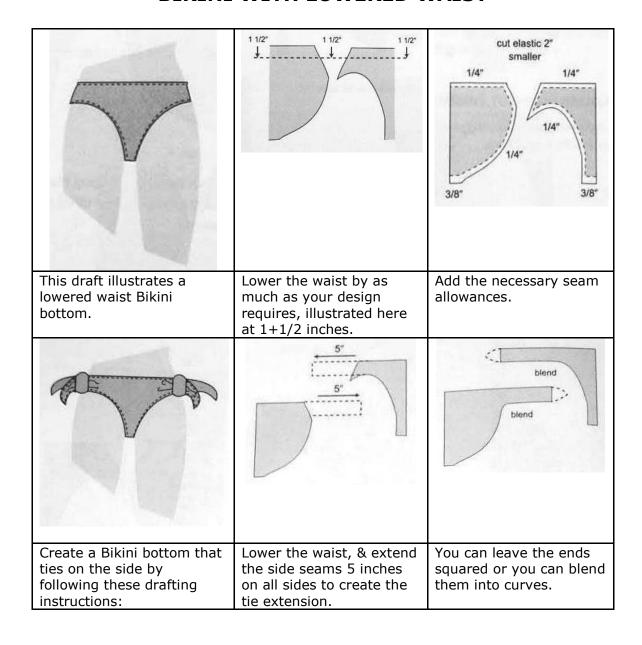




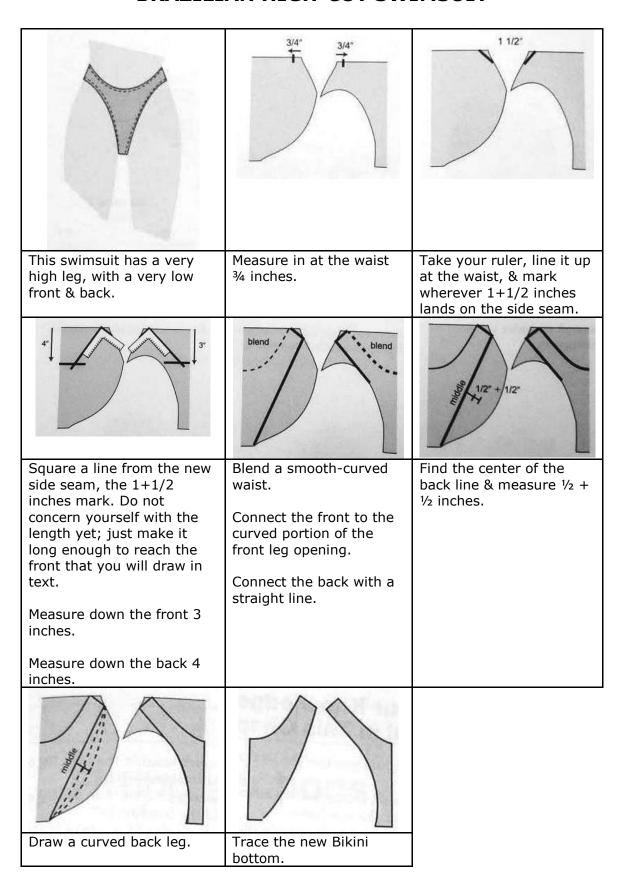
# **BLENDING & TRUEING**



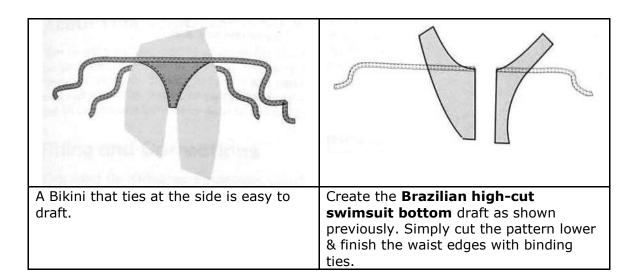
### **BIKINI WITH LOWERED WAIST**



#### **BRAZILIAN HIGH-CUT SWIMSUIT**



#### **STRING BIKINI**



# THONG, G-STRING, & T-BACK

