

Border Formula Worksheet

Measure the height and width of the area where you will stitch your border.

Record the width of your border design section: _____

Compare this number to the width of the area. Will your design fit?

Record the height of your border design section: _____

Divide the measurement of the area by the height: _____ = the number of sections needed to fill that area

Multiply the number of sections needed to fill the area x the height of the border design

Subtract this number from the height of the finished area where the border will be stitched:

Divide this number by 2: _____; this amount will be measured from the seam to designate the initial needle drop position.

Example:

Measure the height and width of the area where you will stitch your border.

19.5" x 4"

Record the width of your border design section: 2.01"

Compare this number to the width of the area. Will your design fit?

Record the height of your border design section: 4.82"

Divide the height of the area by the height of the design: 4 = the number of sections needed to fill that area

Multiply the number of sections needed to fill the area x the height of the border design:

4 x 4.82 = 19.28"

Subtract this number from the height of the finished area where the border will be stitched:

19.5 - 19.28 = .22 round up to .25 or 1/4"

Divide this number by 2: 1/8" This amount will be measured from the seam to designate the initial needle drop position.