

# Swatch Formula Worksheet



Pattern Used:

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How Many Chains In Foundation Row?

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How Many Stitches/Multiples in Row 1?

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How Many Rows In Full Swatch?

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How Much Yarn Was In Your Full Swatch NOT Including The Foundation Row?

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Yards/ Meters/ Grams/ Ounces

How Much Yarn Was In The Foundation Row?

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Yards/ Meters/ Grams/ Ounces

**Swatch**

Yarn Used: \_\_\_\_\_

Hook/Needle Used: \_\_\_\_\_

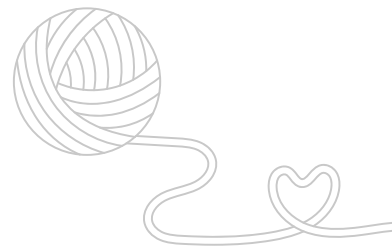
Multiple Stitch Count Requirement:  
Example: Multiple 3 + 1

\_\_\_\_\_

\_\_\_\_\_



Width





## How Many Chains In Foundation Row?

$$\frac{\text{Desired Project Width}}{\text{Width Of Swatch}} = \text{How Many Swatches Wide}$$

\*\*\* Do you need to adjust the **width** of your project for the swatch **width** to fit evenly?\*\*\*

Each Swatch has \_\_\_\_\_ stitches/multiples across.

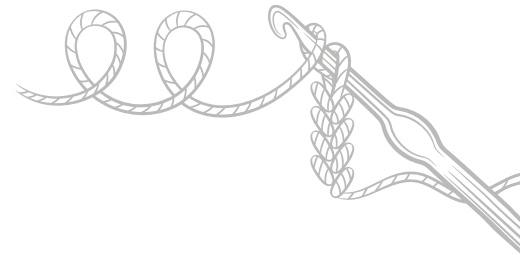
$$\text{How Many Swatches Wide} \times \text{How Many Stitches/Multiples In One Row Of Swatch} = \text{How Many Stitches/Multiples In Each Row}$$

**Remember:**  
The Multiples just means the number of chains we had to repeat in the foundation row to achieve our Multiple Stitch Count Requirement

$$\text{How Many Stitches/Multiples In Each Row} \times \text{How Many Stitches Where In Each Multiple} = \text{Total Number Of Stitches Per Row}$$

$$\text{Total Number Of Stitches Per Row} + \text{Additional Stitches In Foundation Row For Turning Chain?} = \text{\# Chains You Will Need In Foundation Row}$$

EX: The **+ 1** from the Multiple Stitch Count Requirement



# How Many Rows To Meet Project Length?

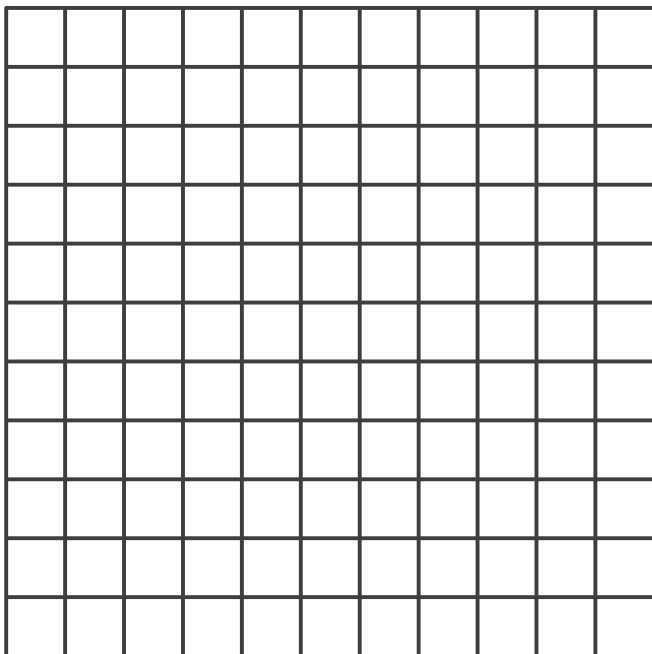


$$\frac{\text{Desired Project Length}}{\text{Length Of Swatch}} = \text{\# Of Swatches Lengthwise Of Project}$$

\*\*\* Do you need to adjust the **length** of your project for the swatch **length** to fit evenly?\*\*\*



$$\text{\# Of Swatches Lengthwise Of Project} \times \text{\# Rows Per Swatch} = \text{\# Rows You Will Need To Complete Project}$$



# Swatches Widthwise

# Swatches Lengthwise

The size of the project will set the stage for how many swatches will fit Widthwise and Lengthwise. You may find you will need to make your project slightly wider or longer in order for the swatch dimension to fit evenly.



# Approximately How Much Yarn Will You Need?:



$$\begin{array}{ccc} \underline{\hspace{2cm}} & \times & \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \text{\# Of Swatches} & & \text{\# Of Swatches} & & \text{Total \# Swatches That} \\ \text{That Fit Widthwise} & & \text{That Fit Lengthwise} & & \text{Will Fit In Project} \end{array}$$

$$\begin{array}{ccc} \underline{\hspace{2cm}} & \times & \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \text{\# Of Swatches} & & \text{Amount Of Yarn In} & & \text{Approximate Amount Of} \\ \text{That Will Fit In Project} & & \text{A Swatch Not Including} & & \text{Yarn For Main Body} \\ & & \text{Foundation Row} & & \text{Of Project} \end{array}$$

$$\begin{array}{ccc} \underline{\hspace{2cm}} & \times & \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \text{\# Of Swatches} & & \text{Amount Of Yarn} & & \text{Approximate Amount Of} \\ \text{Widthwise Of Project} & & \text{In Foundation Row} & & \text{Yarn In Foundation Row} \\ & & \text{Of Swatch} & & \text{For Project} \end{array}$$

$$\begin{array}{ccc} \underline{\hspace{2cm}} & + & \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \text{Amount Of Yarn} & & \text{Amount Of Yarn} & & \text{Approximate Total} \\ \text{For Main Body} & & \text{For Foundation Row} & & \text{Amount Of Yarn You} \\ \text{Of Project} & & \text{Of Project} & & \text{Will Need For Project} \end{array}$$

