

# POLKA DOTTIE BLANKET

## How Many Granny Squares Do I Need to Make?

### Step 1: Choose the Size of Your Blanket

- Length: \_\_\_\_\_”
- Width: \_\_\_\_\_”

### Step 2: Make 1 Granny Square

Make 1 granny square and measure the length and width. Since it is a square, the length and width should be the same or fairly close to the same measurement.

- Granny Square Length: \_\_\_\_\_”
- Granny Square Width: \_\_\_\_\_”

### Step 3: Calculate the Number of Squares in a Column

To determine the number of squares in a column, divide the length of the blanket by the length of 1 square.

$$\text{Ex.: } 54'' \div 3'' = 18 \text{ squares}$$

- Number of Squares in a Column: \_\_\_\_\_”  $\div$  \_\_\_\_\_” = \_\_\_\_\_ squares

If you get a decimal number, ex.  $58'' \div 3'' = 19.33$  squares, then you can either round up or down. If you round down, you'll have a column of 19 squares, for a length of  $19 \times 3 = 57''$ . If you round up, you'll have a column of 20 squares, for a length of  $20 \times 3 = 60''$ .

#### **Step 4: Calculate the Number of Squares in a Row**

To determine the number of squares in a row, divide the width of the blanket by the width of 1 square.

$$\text{Ex.: } 42'' \div 3'' = 14 \text{ squares}$$

Number of Squares in a Row: \_\_\_\_\_ "  $\div$  \_\_\_\_\_ " = \_\_\_\_\_ squares

If you get a decimal number, ex.  $44'' \div 3'' = 14.667$  squares, then you can either round up or down. If you round down, you'll have a row of 14 squares, for a width of  $14 \times 3 = 42''$ . If you round up, you'll have a row of 15 squares, for a width of  $15 \times 3 = 45''$ .

#### **Step 5: Calculate the Total Number of Squares Needed**

To determine the number of squares needed, multiply the number of squares in Step 3 by the number of squares in Step 4.

$$\text{Ex.: } 18 \text{ squares} \times 14 \text{ squares} = 252 \text{ squares}$$

Total Number of Squares: \_\_\_\_\_ "  $\times$  \_\_\_\_\_ " = \_\_\_\_\_ squares

#### **Step 6 (Optional): How Many Squares of Each Colour?**

If you are using scrap yarn bits to make your granny squares, you can skip this step. However, if you are using full or partial skeins, then choose the number of colours you'd like to use. Divide the total number of squares by the number of colours you are using. For the example below, you will need to make 28 squares for each colour.

$$\text{Ex.: } 252 \text{ squares} \div 9 \text{ colours} = 28 \text{ squares / colour}$$

Number of Squares for Each Colour: \_\_\_\_\_ squares  $\div$  \_\_\_\_\_ colours = \_\_\_\_\_ squares / colour

If you get a decimal number, ex.  $252 \text{ squares} \div 8 \text{ colours} = 31.5$  squares, then round down to the nearest whole number, and multiply this number by the number of colours. Ex.  $31.5$  rounds down to  $31 \times 8 = 248$  squares. Then take this number and subtract it from the total number of squares. Ex.  $252 \text{ squares} - 248 \text{ squares} = 4$  squares. This means that you'll need to make 31 squares for each colour, and the remaining 4 squares can be made using any of the 8 colours.

## Progress Tracker

Fill in the chart with your chosen colours, and the number of squares you need to make for each colour. Every time you make a square, place a tally next to the colour that you completed it in. Keep going until you reach the number of squares needed for each colour.

Colours	Number of Squares: _____
Colour 1:	
Colour 2:	
Colour 3:	
Colour 4:	
Colour 5:	
Colour 6:	
Colour 7:	
Colour 8:	
Colour 9:	
Colour 10:	
Colour 11:	
Colour 12:	
Colour 13:	
Colour 14:	
Colour 15:	