**Diagonal Pieced Back Handout**

1. John Flinn: flynnquilt.com

Go to menu → John’s Workshops →Free Lessons

Lessons will pop up with **Diagonal Pieced Back** first

Under the heading for this lesson is yellow lettering for clicking on to print a document with the formula and other information. Below that is a calculator.

Graphical user interface

Description automatically generated

1. Jinny Beyer Studio:

Google: Calculating Yardage for **Diagonally Pieced Quilt Back**

A fillable PDF worksheet pops up called “diagonal-back-worksheet”

**The Formula:** Lf = lq + Lq(Wq-Wf) ­­

2Wf – Wq

Wq = Width of Quilt Back + 1

Wf = Width of Fabric

Lq = Length of Quilt

LF = Length of fabric needed

**Example:** Quilt top measures: 41 X 54

Add 4 “ all the way around for back: + 8 + 8

Backing size needed: 48 + 1 = **49 X 62**

Wq = Width of Quilt Back = 48 + 1 (diagonal is sewn with ½” seam) = 49

Wf = Width of Fabric = 44

Lq = Length of Quilt Back = 62

Lf = 62 + 62(49-44)

2 X 44 – 49

62 + 62(5)

88 – 49

62+ 310

39 62 + 7.948 = 69.948 = length of fabric needed for backing is 70”