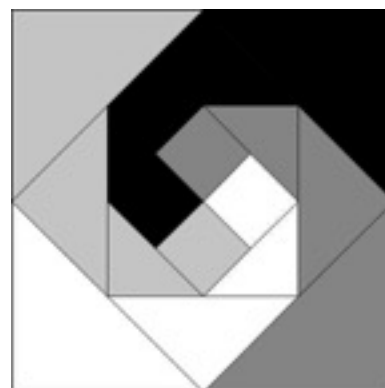


Block 8: Monkey Wrench (provided July 2016; share August 2016)

The Monkey Wrench is composed of a four-patch surrounded by three squares in a square. There are numerous blocks that contain a square in a square. The instructions given here include bias edges. Be very careful not to stretch or otherwise distort them. The units will be made slightly oversized so that they can be trimmed down to the perfect size. As shown, this block uses 4 fabrics: Lightest, Light, Dark, Darkest.



Fabric needed: Cut the listed pieces for each fabric. Be sure each piece is cut accurately. Since the same size pieces are needed from all four fabrics, you can cut them more quickly by layering them and cutting through all four fabrics at once.

	3" blocks	6" blocks	9" blocks	12" blocks	15" blocks
L i g h t e s t	1 at 1-1/4" x 1-1/4" 1 at 1-3/4" x 1-3/4" 1 at 2" x 2" 1 at 2-1/2" x 2-1/2"	1 at 1-3/4" x 1-3/4" 1 at 2-1/2" x 2-1/2" 1 at 3" x 3" 1 at 4" x 4"	1 at 2-1/4" x 2-1/4" 1 at 3-1/4" x 3-1/4" 1 at 4-1/4" x 4-1/4" 1 at 5-1/2" x 5-1/2"	1 at 2-3/4" x 2-3/4" 1 at 4" x 4" 1 at 5-1/4" x 5-1/4" 1 at 7" x 7"	1 at 3-1/4" x 3-1/4" 1 at 4-3/4" x 4-3/4" 1 at 6-1/2" x 6-1/2" 1 at 8-1/2" x 8-1/2"
L i g h t	1 at 1-1/4" x 1-1/4" 1 at 1-3/4" x 1-3/4" 1 at 2" x 2" 1 at 2-1/2" x 2-1/2"	1 at 1-3/4" x 1-3/4" 1 at 2-1/2" x 2-1/2" 1 at 3" x 3" 1 at 4" x 4"	1 at 2-1/4" x 2-1/4" 1 at 3-1/4" x 3-1/4" 1 at 4-1/4" x 4-1/4" 1 at 5-1/2" x 5-1/2"	1 at 2-3/4" x 2-3/4" 1 at 4" x 4" 1 at 5-1/4" x 5-1/4" 1 at 7" x 7"	1 at 3-1/4" x 3-1/4" 1 at 4-3/4" x 4-3/4" 1 at 6-1/2" x 6-1/2" 1 at 8-1/2" x 8-1/2"
D a r k	1 at 1-1/4" x 1-1/4" 1 at 1-3/4" x 1-3/4" 1 at 2" x 2" 1 at 2-1/2" x 2-1/2"	1 at 1-3/4" x 1-3/4" 1 at 2-1/2" x 2-1/2" 1 at 3" x 3" 1 at 4" x 4"	1 at 2-1/4" x 2-1/4" 1 at 3-1/4" x 3-1/4" 1 at 4-1/4" x 4-1/4" 1 at 5-1/2" x 5-1/2"	1 at 2-3/4" x 2-3/4" 1 at 4" x 4" 1 at 5-1/4" x 5-1/4" 1 at 7" x 7"	1 at 3-1/4" x 3-1/4" 1 at 4-3/4" x 4-3/4" 1 at 6-1/2" x 6-1/2" 1 at 8-1/2" x 8-1/2"
D a r k e s t	1 at 1-1/4" x 1-1/4" 1 at 1-3/4" x 1-3/4" 1 at 2" x 2" 1 at 2-1/2" x 2-1/2"	1 at 1-3/4" x 1-3/4" 1 at 2-1/2" x 2-1/2" 1 at 3" x 3" 1 at 4" x 4"	1 at 2-1/4" x 2-1/4" 1 at 3-1/4" x 3-1/4" 1 at 4-1/4" x 4-1/4" 1 at 5-1/2" x 5-1/2"	1 at 2-3/4" x 2-3/4" 1 at 4" x 4" 1 at 5-1/4" x 5-1/4" 1 at 7" x 7"	1 at 3-1/4" x 3-1/4" 1 at 4-3/4" x 4-3/4" 1 at 6-1/2" x 6-1/2" 1 at 8-1/2" x 8-1/2"

Piecing Instructions for 9" (3", 6", 12", 15") blocks

Note: Watch carefully as you stitch. Be sure to trim each square as directed.

1. Stitch a four-patch using the 2-1/4" (1-1/4", 1-3/4", 2-3/4", 3-1/4") squares. Watch the orientation of the fabrics. Press and furl the seams. Trim the square to 3-3/4" x 3-3/4" (1-5/8" x 1-5/8", 2-5/8" x 2-5/8", 4-3/4" x 4-3/4", 5-3/4" x 5-3/4").
2. Cut the 3-1/4" (1-3/4", 2-1/2", 4", 4-3/4") square of each fabric in half along a diagonal. Set one set of triangles aside for another project. Finger press to find the center of each triangle in the other set.
3. Watching the orientation, line up the center of a triangle on the edge of your four-patch. Stitch using a 1/4" seam. Do the same on the opposite side of the four-patch. Press the seams toward the added triangle. Be careful not to distort the fabric.
4. Repeat Step 3 on the other two sides.
5. Trim your block to 5" x 5" (2" x 2", 3-1/2" x 3-1/2", 6-1/2" x 6-1/2", 8" x 8"). The center of the four-patch should be at the 2-1/2" (1", 1-3/4", 3-1/4", 4") lines of your ruler. The corners of the four patch should be 1/4" in from the trimmed edge.
6. Cut the 4-1/4" (2", 3", 5-1/4", 6-1/2") square of each fabric in half along a diagonal. Set one set of triangles aside for another project. Finger press to find the center of each triangle in the other set.
7. Watching the orientation, line up the center of a triangle on the edge of your four-patch. Stitch using a 1/4" seam. Do the same on the opposite side of the four-patch. Press the seams toward the added triangle. Be careful not to distort the fabric.
8. Repeat Step 7 on the other two sides.
9. Trim your block to 6-7/8" x 6-7/8" (2-5/8" x 2-5/8", 4-3/4" x 4-3/4", 9" x 9", 11-1/4" x 11-1/4"). The center of the four-patch should be at 3-7/16" (just shy of 3-1/2") (1-5/16" (just shy of the 1-3/8"), 2-3/8", 4-1/2", 5-5/8") lines of your ruler.
10. Cut the 5-1/2" (2-1/2", 4", 7", 8-1/2") square of each fabric in half along a diagonal. Set one set of triangles aside for another project. Finger press to find the center of each triangle in the other set.
11. Watching the orientation, line up the center of a triangle on the edge of your four-patch. Stitch using a 1/4" seam. Do the same on the opposite side of the four-patch. Press the seams toward the added triangle. Be careful not to distort the fabric.
12. Repeat Step 11 on the other two sides.
13. Trim your block to 9-1/2" x 9-1/2" (3-1/2" x 3-1/2", 6-1/2" x 6-1/2", 12-1/2" x 12-1/2", 15-1/2" x 15-1/2"). The center of the four patch should be at the 4-3/4" (1-3/4", 3-1/4", 6-1/4", 7-3/4") lines of your ruler.
14. Your Monkey Wrench block should be complete and measure 9-1/2" x 9-1/2" (3-1/2" x 3-1/2", 6-1/2" x 6-1/2", 12-1/2" x 12-1/2", 15-1/2" x 15-1/2") if you have sewn and trimmed the square in a square correctly and sewn accurate 1/4" seams.