

Magic Squares

Supply list 2 pages (revised 12/16/18)

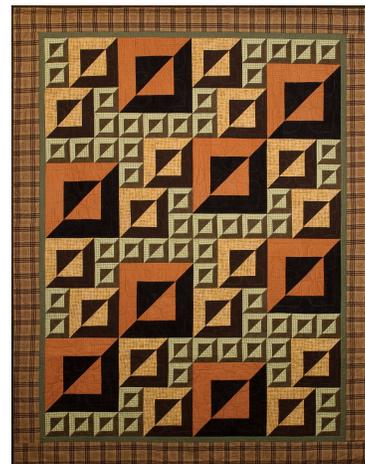
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Magic Squares: With careful attention to color and value, this quilt will have a graphic architectural and three dimensional effects but is much easier to construct than most 3-D patterns. The name Magic Squares is a play on the name of a mathematical puzzle in which a grid of numbers adds up to an identical sum when added in any direction. This quilt constructed of repeated 'units' that create a random effect but go easily together without the use of partial seams. The quilt can be made larger or smaller with ease by adding or omitting units. There is a lot of cutting involved in making this quilt. You should cut at least some of the fabrics – enough to make a few sample 12” blocks in class but if you want to cut all the fabric ahead of time, it will make the construction of the quilt much faster. A cutting guide has been provided at the end of this list. NOTE: the table runner uses only 4” and 8” blocks.

Please be courteous to others by arriving for class with the correct supplies.

Contact me at 503-631-8806 or helene.m.knott@gmail.com if you have any questions.



Fabrics: amounts given are somewhat generous to allow for shrinkage and straightening to grain. NOTE: if you wish to make a table runner half yard cuts of the fabrics will be more than enough.

Fabric	Throw Size	Twin Size	Table Runner
Fabric A (Dark) 12” blocks	$\frac{7}{8}$ yard	$1\frac{1}{8}$ yards	Fat Quarter
Fabric B (Light) 12” blocks	$\frac{7}{8}$ yard	$1\frac{1}{8}$ yards	Fat Quarter
Fabric C (Dark) 8” blocks	1 yard	$1\frac{1}{4}$ yards	Fat Quarter
Fabric D (Light) 8” blocks	1 yard	$1\frac{1}{4}$ yards	Fat Quarter
Fabric E (Dark) 4” blocks	1 yard	1 yard	Fat Quarter
Fabric F (Light) 4” blocks	1 yard	1 yard	Fat Quarter
Narrow Borders	$\frac{1}{3}$ yard	$\frac{1}{2}$ yard	$\frac{1}{4}$ yard (optional)
Wide Borders	1 yard	$1\frac{1}{8}$ yards	$\frac{1}{2}$ yard (optional)

Tools/Materials:

- **Sewing machine:** With the basic accessories: extra needles, bobbins, etc.
- **Thread:** 100% cotton in a color to match your darker fabric.
- **Rotary cutter, mat and ruler:** a 24” cutting ruler and a large mat is the best for cutting the long strips and squaring your blocks. Make sure your cutter has a new sharp blade in it.
- **12½” squaring ruler:** 12 ½” square ruler with a 45* diagonal guideline from corner to corner.
- **Small pair of scissors or thread snips**
- **Seam ripper**
- **A mechanical pencil and a white quilters’ pencil (or a chalk roller)**
- **Sewing pins**
- **Pattern fee:** \$5 per student

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Precutting fabrics

Please precut at least some fabrics before coming to class as this will save time and space. You may pre-cut all of your fabrics or only the amounts for the 12" blocks as we will start with those blocks. If you precut all of your fabrics the quilt goes together fairly quickly.

For a table runner you will need:

One 12" block (optional)

From each fabric A and B cut:

- One 7" square
- One 3½" x 7" strip
- Two 3½" x 10" strips
- One 3½" x 13" strip

Four 8" blocks

From each fabric C and D cut:

- Two 5" squares
- Two 2½" x 5" strips
- Four 2½" x 7" strips
- Two 2½" x 9" strips

Fourteen 4" blocks

From each fabric E and F cut:

- Seven 3" squares
- Seven 1½" x 3" strips
- Fourteen 1½" x 4" strips
- Seven 1½" x 5" strips

The following are the total cutting amounts and number of blocks needed for a 'throw' sized (48" x 64" w/o borders) quilt.

Eight 12" blocks

From each fabric A and B cut:

- Four 7" squares
- Four 3½" x 7" strips
- Eight 3½" x 10" strips
- Four 3½" x 13" strips

Sixteen 8" blocks

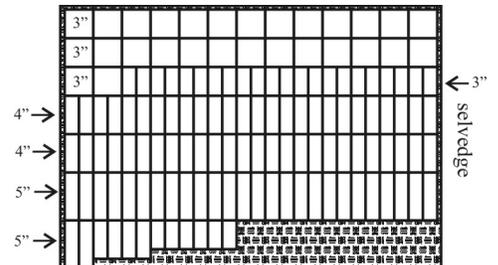
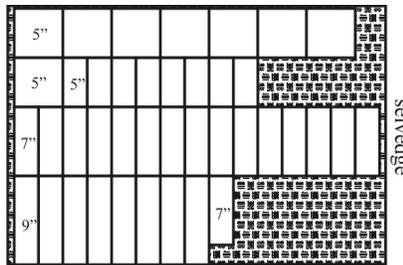
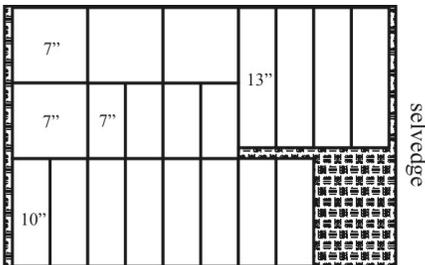
From each fabric C and D cut:

- Eight 5" squares
- Eight 2½" x 5" strips
- Sixteen 2½" x 7" strips
- Eight 2½" x 9" strips

Fifty-six 4" blocks

From each fabric E and F cut:

- Twenty-eight 3" squares
- Twenty-eight 1½" x 3" strips
- Fifty-six 1½" x 4" strips
- Twenty-eight 1½" x 5" strip



The following are the total cutting amounts and number of blocks needed for a 'twin' sized (54" x 80" w/o borders) quilt.

Ten 12" blocks

From each fabric A and B cut:

- Five 7" squares
- Five 3½" x 7" strips
- Ten 3½" x 10" strips
- Five 3½" x 13" strips

Thirty 8" blocks

From each fabric C and D cut:

- Fifteen 5" squares
- Fifteen 2½" x 5" strips
- Thirty 2½" x 7" strips
- Fifteen 2½" x 9" strips

Seventy 4" blocks

From each fabric E and F cut:

- Thirty-five 3" squares
- Thirty-five 1½" x 3" strips
- Seventy 1½" x 4" strips
- Thirty-five 1½" x 5" strips

