



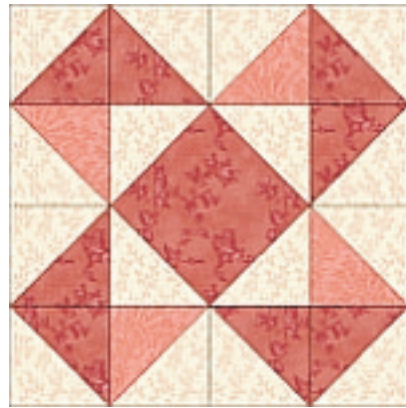
Block Name: Mill Wheel (modified)

Skill level: Beginner (except 4" block)

Cutting method: rotary cutting

Fabrics: 3 colors
or 3 shades of
one color - light,
Medium and dark

Cutting: use the
chart below for the
size block you need.



This is a traditional block design and may be used by anyone. The instructions, however, are copyrighted and may not be reproduced without permission.

| Quantity to cut | 4" block | 8" block | 12" block | 16" block |
|------------------------------|-------------|-------------|-------------|-------------|
| Light color: 6 | 2" x 2" | 3" x 3" | 4" x 4" | 5" x 5" |
| 4 | 1.5" x 1.5" | 2.5" x 2.5" | 3.5" x 3.5" | 4.5" x 4.5" |
| Medium color: 2 | 2" x 2" | 3" x 3" | 4" x 4" | 5" x 5" |
| Dark color: 4 | 2" x 2" | 3" x 3" | 4" x 4" | 5" x 5" |
| 1 Center, medium or dark: | 2.5" x 2.5" | 4.5" x 4.5" | 6.5" x 6.5" | 8.5" x 8.5" |

Block size refers to finished size.

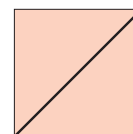
Constructing the Block

This block uses 12 half-square triangle (HST) units. Begin by making the HST's.

Making the Half-Square Triangle Units

Use the largest squares cut to make these units (2", 3", etc.).

1. Draw a diagonal line on the wrong side of the light squares.

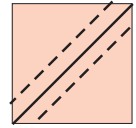




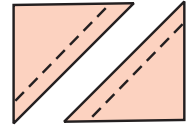
Block Name: Mill Wheel modified, page 2

Making HST's continued

2. Match light squares to the other squares of the same size, right sides together (RST). Sew 1/4" from each side of drawn line.



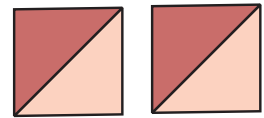
3. Cut the units in half on drawn diagonal line.



4. Press seams as follows:

Dark/light: 4 toward dark and 4 toward light

Medium/light: 1 toward medium and 3 toward light



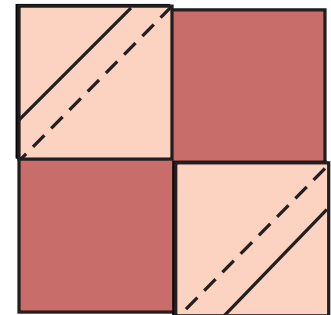
5. Trim each HST to same size as the smaller squares required for your block size: 4" - 1.5", 8" - 2.5", 12" - 3.5", 16" - 4.5".

Make 12 - color combinations will be different.

Making the Square-in-a-Square Unit

1. Draw diagonal line on back side of each small light square.

2. Place a light square on one corner of large center square, right sides together. Sew on diagonal line. Repeat with opposite corner of large center square. Cut 1/4" from stitching.

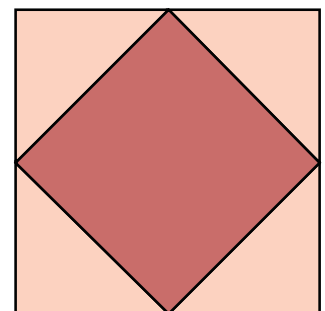


Cut on solid lines.

3. Press seams toward the center square.

4. Repeat step 3 for remaining two corners.

5. Press seams away from the center square.

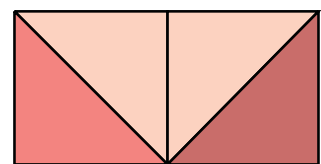


Assembling the Block

1. On a flat surface, lay out the pieces following the pressing diagram on page 4.

2. Sew together the two HSTs along the center of each of the four sides of the center square.

3. Press these seams open (not to one side).



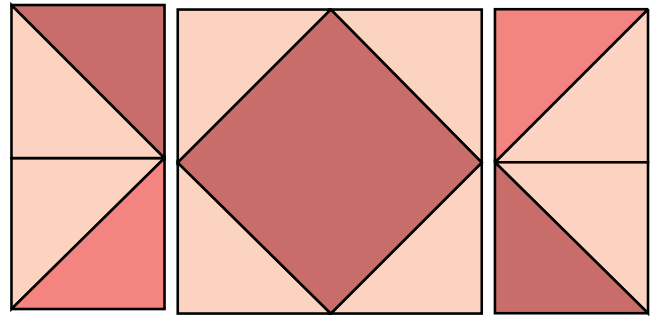
Make 4.



Block Name: Mill Wheel modified, page 3

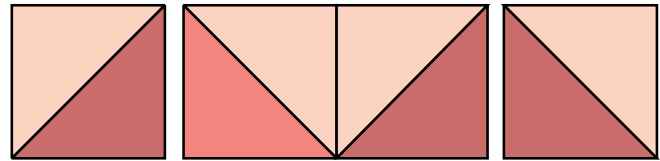
Assembling the Block, continued

4. Sew a unit from step 2 to the left and right sides of the center square unit. Careful pinning at the center will help in getting the seams to line up correctly.



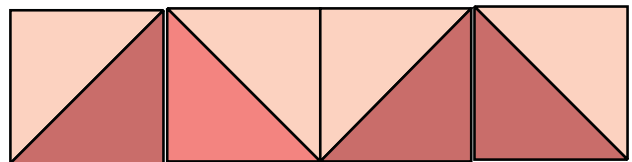
5. Press seams toward the center unit.

6. Sew a HST to each end of the remaining two units, following the pressing chart for placement.



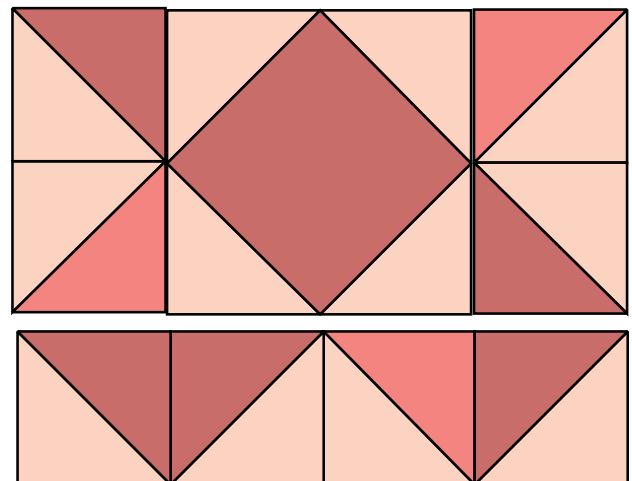
Make 2.

8. Sew units from step 6 to top and bottom sides of center unit.



9. Press seams toward the center.

10. Press block. If needed, trim to required size.



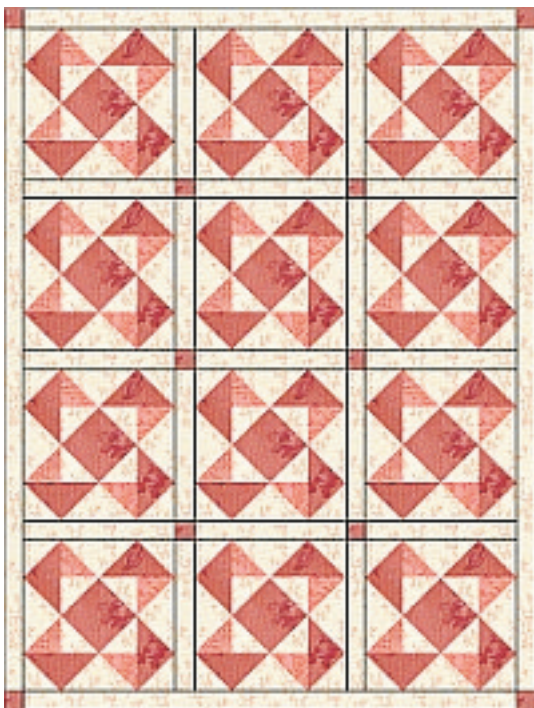
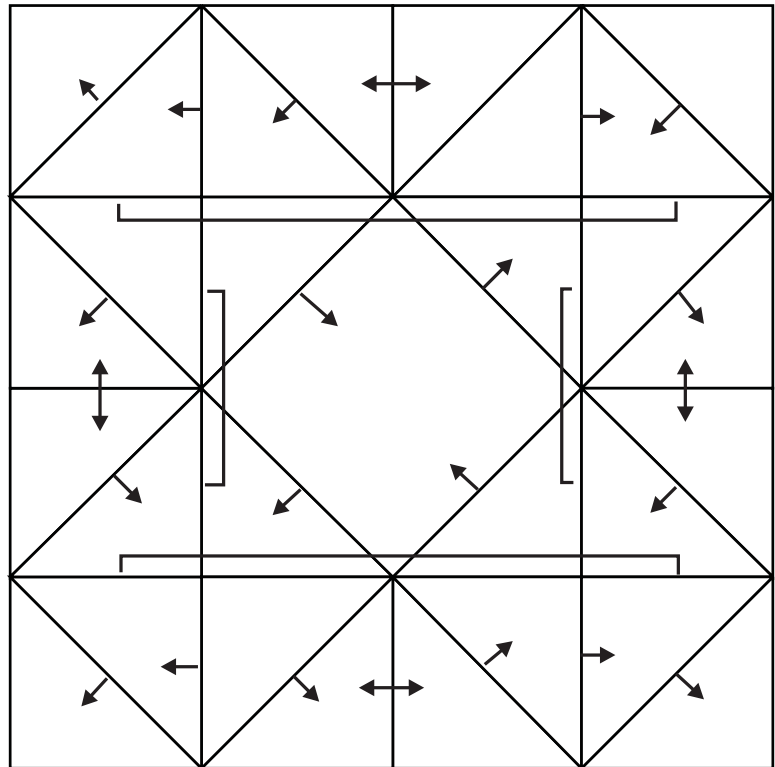


Block Name: Mill Wheel modified, page 4

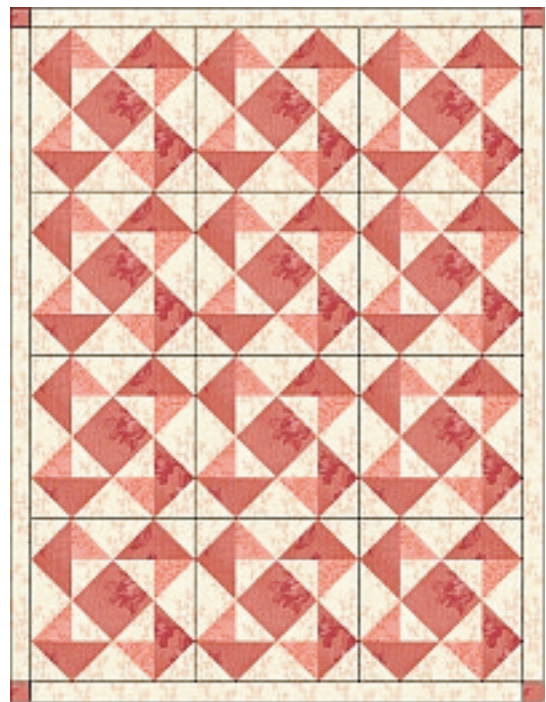
Pressing Chart

Press seams in the direction indicated by the arrows. A double-arrowed line means press the seam open.

Coloring the chart in your chosen colors will make it easier to follow.



Set with sashing and cornerstones.



Set without sashing.