ACUTE TRIANGLE

FEATURING MINIMALISTA COLLECTION

FREE PROJECT SHEET
DESIGNED BY AGFstudio
FINISHED SIZE: 80" × 60"

ACUTE TRIANGLE

MINIMALISTA

by AGF IN-HOUSE studio

KIT QUANTITY

<table>
<thead>
<tr>
<th>Pattern</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>MNL-202</td>
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</tr>
<tr>
<td>MNL-200</td>
<td>1/6 yd.</td>
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<td>MNL-204</td>
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<tr>
<td>MNL-406</td>
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<tr>
<td>PE-421</td>
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<tr>
<td>PE-424</td>
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<tr>
<td>PE-410</td>
<td>3/8 yd.</td>
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<tr>
<td>PE-430</td>
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<tr>
<td>PE-433</td>
<td>3 5/8 yd.</td>
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<tr>
<td>Backing</td>
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**FABRIC REQUIREMENTS**

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<thead>
<tr>
<th>Fabric</th>
<th>Code</th>
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<tbody>
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<td>MNL-200</td>
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<td>C</td>
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<tr>
<td>D</td>
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<td>1/6 yd.</td>
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<tr>
<td>E</td>
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<td>F</td>
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<td>G</td>
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<tr>
<td>H</td>
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<td>I</td>
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<tr>
<td>J</td>
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<td>K</td>
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<td>L</td>
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<tr>
<td>M</td>
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<td>N</td>
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<td>P</td>
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<td>X</td>
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<td>Z</td>
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</tr>
<tr>
<td>CC</td>
<td>PE-433</td>
<td>3 5/8 yd.</td>
</tr>
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</table>

**Backining Fabric**
- MNL-401 (Fabric N) | 4 yds. (suggested)

**Binding Fabric**
- PE-424 (Fabric Z) | (included)

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**Cutting Directions**

1/4" seam allowances are included.

- For Fabrics A-W and CC* first cut yardage width to 30" to cut 1 1/2" strips and use remaining yardage to cut 4 1/2" triangles. (DIAGRAM 1)

For ALL blocks, cut:
1. (one) 1 1/2" x 30" strip and
2. (two) 4 1/2" triangles from Fabric A
3. (three) 1 1/2" x 30" strips and
4. (three) 4 1/2" triangles from Fabric B
5. (three) 1 1/2" x 30" strips and
6. (three) 4 1/2" triangles from Fabric C
7. (three) 1 1/2" x 30" strips and
8. (three) 4 1/2" triangles from Fabric D
9. (three) 1 1/2" x 30" strips and
10. (three) 4 1/2" triangles from Fabric E
11. (one) 1 1/2" x 30" strip and
12. (one) 4 1/2" triangle from Fabric F
13. (two) 1 1/2" x 30" strip and
14. (two) 4 1/2" triangles from Fabric G
15. (two) 1 1/2" x 30" strip and
16. (two) 4 1/2" triangles from Fabric H
17. (three) 1 1/2" x 30" strips and
18. (three) 4 1/2" triangles from Fabric I

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**Other materials**

60° Angle Ruler
Optional
If you don’t have the ruler, use the templates provided at the end of the PDF.
CUTTING DIRECTIONS (CONTD)

¼" seam allowances are included.

For ALL blocks, cut:
3 (three) 1 1/2" x 30" strips and
3 (three) 4 1/2" triangles from Fabric J
3 (three) 1 1/2" x 30" strips and
3 (three) 4 1/2" triangles from Fabric K
1 (one) 1 1/2" x 30" strip and
2 (two) 4 1/2" triangles from Fabric L
1 (one) 1 1/2" x 30" strip and
3 (three) 4 1/2" triangles from Fabric M
2 (two) 1 1/2" x 30" strips and
2 (two) 4 1/2" triangles from Fabric N
3 (three) 1 1/2" x 30" strips and
2 (two) 4 1/2" triangles from Fabric O
3 (three) 1 1/2" x 30" strips and
2 (two) 4 1/2" triangles from Fabric P
4 (four) 1 1/2" x 30" strips and
2 (two) 4 1/2" triangles from Fabric Q
1 (one) 1 1/2" x 30" strip and
1 (one) 4 1/2" triangles from Fabric R
2 (two) 1 1/2" x 30" strips and
1 (one) 4 1/2" triangles from Fabric S
2 (two) 1 1/2" x 30" strips and
2 (two) 4 1/2" triangles from Fabric T
3 (three) 1 1/2" x 30" strips and
2 (two) 4 1/2" triangles from Fabric U
3 (three) 1 1/2" x 30" strips and
2 (two) 4 1/2" triangles from Fabric V
3 (three) 1 1/2" x 30" strips and
3 (three) 4 1/2" triangles from Fabric W
3 (three) 1 1/2" x 30" strips and
4 (four) 17 1/2" triangles from Fabric X
4 (four) 14" triangles from Fabric and
1 (one) 7 5/8" triangle Y
4 (four) 9" triangles from Fabric Z
5 (five) 10 1/2" triangles from Fabric AA
1 (one) 5" x 22 1/2" strip, 1 (one) 5" x 28" strip, and
1 (one) 5" x 34" strip from Fabric BB

From 2 1/8 yd of fabric "CC cut:
50 (fifty) 1 1/2" x 30" strips and
28 (twenty-eight) 4 1/2" triangles using the same
technique you used with fabrics A-W

From the remaining fabric cut:
26 (twenty-six) 4 1/2" triangles
4 (four) 7" triangles
1 (one) 4" x 18" strip, 1 (one) 4" x 23" strip, and 1
(one) 4" x 27 1/2" strip
1 (one) 6 1/2" x 28" strip, 1 (one) 6 1/2" x 35" strip,
and 1 (one) 6 1/2" x 42" strip

TRIANGLE CONSTRUCTION

Sew all rights sides together with ¼" seam allowance. Press open.

triangle 1

- In order to construct all the 104 small triangles follow the sample instructions.
- To determine how many of each you should construct, follow the cutting instructions. All the printed 4 1/2" triangles should be bordered with 1 1/2" strips of fabric CC.
- The fabric CC 4 1/2" triangles should be bordered by all fabrics from A-W. To determine how many of each you should make, you can follow the cover photo or follow the cutting directions. For every printed strip that measures 1 1/2" x 30" you can border one fabric CC 4 1/2" triangle.
- For every fabric CC strip that measures 1 1/2" x 30" you can border one printed 4 1/2" triangle.
- Grab one 1 1/2" x 30" and divide it into three strips measuring: 7", 8", and 9"
- Grab the 7" strip and sew it to one of the sides of the triangles aligning them at the center.
- Press seams open and cut the excess fabric of the strip by following the line of the triangle (DIAGRAM 2).
- Repeat with the 8" strip on the second side.
- Repeat with the 9" on the third side.

DIAGRAM 2
Now that you have all of the triangle 1 pieces ready, you can construct triangles 2, 3, 4, 5, 6, and 7.

All of these triangles are different in size but they follow a similar way of construction.

In order to help you with identifying both the triangles and how to assemble this quilt, please use the following diagram (DIAGRAM 3).

This quilt is assembled by parts that will be labeled a-d.

Within each part you will have subunits.

For all parts assemble all the triangle 1 subunits first.

Part a at the bottom has the insertion of the fabric Y 7 5/8" triangle.
triangles 2, 3 & 4

- The construction for triangles 2, 3, and 4 is identical.
- Grab each set of four of all the same size and same color triangles from fabrics AA, X, and Y. *Note that for fabric AA you have one triangle unit extra to be used in triangle 5, and for fabric Y you will have three 14” triangle units and one trapezoid unit.
- Sew three units horizontally making sure the one in the center is inverted. Always align the units at the center.
- Now attach the fourth piece to the center unit aligning them at the center and sewing base-to-base (DIAGRAM 4).

For triangle 4, grab one of the triangles and trim one of its tips off 6 3/4” parallel from the base in order to create a trapezoid. Sew the three triangle units first, and attach the trapezoid to the top (DIAGRAM 5).

triangles 5, 6 & 7

- For triangle 5 grab the remaining triangle unit from fabric AA, and the three 4” strips of fabric CC.
- Follow the same steps that you did for triangle 1 in order to attach the strips to the triangle unit. Attach the shortest one first and continue gradually.
- For triangle 6 grab the 7” triangle units from fabric CC and the 5” strips from fabric BB.
- First assemble the fabric CC triangle following the same technique used for triangles 2, 3, and 4.
- Proceed to attach the fabric BB strips to the triangle unit following the same steps that you did for triangle 1. Attach the shortest one first and continue gradually.
- Repeat the previous process for triangle 7 with the triangle units from fabric Z and the 6 1/2” strips from fabric CC.

ASSEMBLING THE TOP

Sew all rights sides together with ¼” seam allowance. Press open.

- Follow the cover photo to determine the color order you should follow for the triangle 1 units.
- Follow DIAGRAM 3 to assemble the subunits and then parts a-d.
- Proceed to attach part a to b, and part c to d.
- Press seams as you sew.
- Now you can assemble the top and bottom parts.
- Make sure that all the seams match, especially where triangle 4 meets the smaller fabric Y triangle unit.

QUILT ASSEMBLY

Sew right sides together.

- Place BACKING FABRIC on a large surface wrong side up. Stretch it with masking tape against that surface.
- Place BATTING on top of backing fabric.
- Place TOP on top of the batting with right side facing up. Smooth away wrinkles using your hands.
- Pin all layers together and baste with basting thread, using long stitches. You can also use safety pins to join the layers.
- Machine or hand quilt starting at the center and working towards the corners. Remember that quilting motives are a matter of personal preference. Have fun choosing yours!
- After you finished, trim excess of any fabric or batting, squaring the quilt to proceed to bind it.
**BINDING**

Sew right sides together.

- Cut enough strips 1½” wide by the width of the Fabric Z to make a final strip 290” long. Start sewing the binding strip in the middle of one of the sides of the quilt, placing the strip right side down and leaving an approximated 5” tail. Sew with ¼” seam allowance (using straight stitch), aligning the strip’s raw edge with the quilt top’s raw edge.

- Stop stitching ¼” before the edge of the quilt (DIAGRAM B1). Clip the threads. Remove the quilt from under the machine presser foot. Fold the strip in a motion of 45° and upward, pressing with your fingers (DIAGRAM B2). Hold this fold with your finger, bring the strip down in line with the next edge, making a horizontal fold that aligns with the top edge of the quilt (DIAGRAM B3). Start sewing at ¼” of the border, stitching all the layers. Do the same in the four corners of the quilt.

- Stop stitching before you reach the last 5 or 6 inches. Cut the threads and remove the quilt from under the machine presser foot. Lay the loose ends of the binding flat along the quilt edge, folding the ends back on themselves where they meet. Press them together to form a crease. Using this crease as the stitching line, sew the two open ends of the binding with right sides together (you can help yourself marking with a pencil if the crease is difficult to see).

- Trim seam to ¼” and press open. Complete the sewing. Turn binding to back of the quilt, turn raw edge inside and stitch by hand using blind stitch.

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**DIAGRAM B1**

Stop stitching here

**DIAGRAM B2**

fold

**DIAGRAM B3**

45°

**CONGRATULATIONS!**
4 1/2" Triangle
Shown To Scale
ACUTE TRIANGLE
7" Triangle