

Constellation

Featuring Splendor by Amy Butler

Blazing Star blocks and Half-Star triangles create a vibrating constellation surrounding the large star in the center of this colorful quilt. The Splendor collection by Amy Butler creates a quilt that overflows with sparkling stars.

Collection:	Splendor by Amy Butler
Technique:	Template Piecing
Skill Level:	Advanced
Crafting Time:	Longer Term*
Finished Size:	74" x 74" (187.96cm x 187.96cm)

*Crafting time based on Advanced skill level

Project designed by Susan Guzman

Fabric Requirements

DESIGN	COLOR	ARTICLE CODE	YARDAGE
(A) Forest Friends	Midnight	PWAB165.MIDNI	1½ yards (1.37m)
(B) Forest Friends	Sky	PWAB165.SKYXX	2⅙ yards (1.94m)
(C) Native Folk	Blush	PWAB166.BLUSH	⅞ yard (80.01cm)
(D) Simply Bold Floral	River	PWAB167.RIVER	⅞ yard (80.01cm)
(E) Pincushion Flower	Midnight	PWAB168.MIDNI	1½ yards (1.37m)
(F) Positive Direction	Cherry	PWAB169.CHERR	1¼ yards (1.14m)
(G) Positive Direction	River	PWAB169.RIVER	1¾ yards (1.60m)*
(H) Mighty Corners	Cherry	PWAB170.CHERR	1 yard (.91m)
(I) Mighty Corners	Moon Glow	PWAB170.MOONG	½ yard (45.72cm)
(J) Mighty Corners	Sage	PWAB170.SAGEX	⅞ yard (80.01cm)

* includes binding

Backing (Purchased Separately)

44" (111.76cm)

Native Folk Sage PWAB166.SAGEX 4⅝ yards (4.23m)

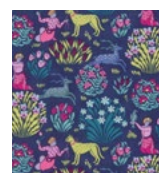
OR

108" (274.32cm) 2⅝ yard (2.17m)

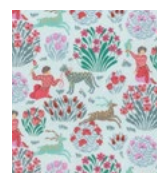
Additional Requirements

- Coats Dual Duty XP® All-purpose thread in coordinating colors
- 82" x 82" (208.28cm x 208.28cm) batting
- Sewing machine
- Rotary cutter/mat/ruler
- Template plastic
- Marking pencil with sharp point
- Awl or large needle
- Basic sewing and pressing supplies

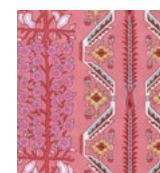
Note: Due to the complexity of this pattern, be sure to read through the directions before starting this quilt.



(A)



(B)



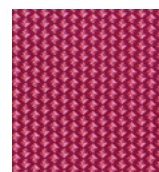
(C)



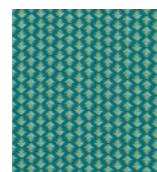
(D)



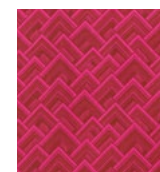
(E)



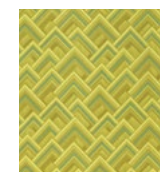
(F)



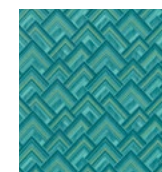
(G)



(H)



(I)



(J)



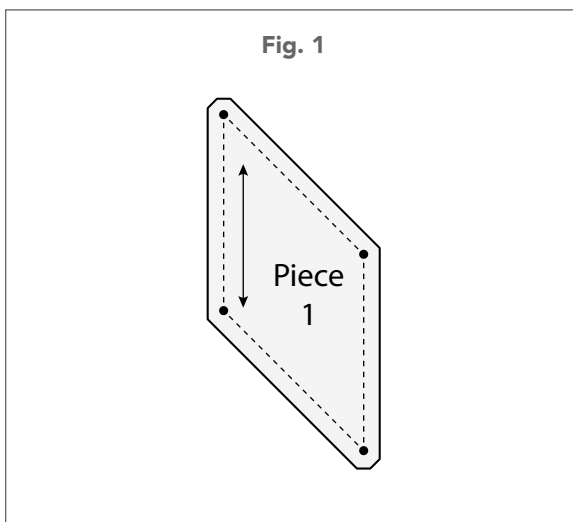
Backing
44"
(111.76cm)

Note: Due to the complexity of this pattern, be sure to read through the directions before starting this quilt.

Making and Using the Templates

Note: This quilt requires making accurate plastic template shapes as well as precise and careful stitching. This pattern also assumes that the advanced quiltmaker has experience with sewing inset corners in quilt blocks. Following the template making and stitching directions explicitly will make it easy to inset the corner blocks and triangles at the outer edges and corners of the large central star.

- Using a sharp-pointed pencil and ruler, accurately trace the template shapes (Pieces 1-7) onto template plastic. Include the piece number, straight-of-grain lines, and the seam intersection dots. These are referred to as "match points" in the directions that follow (**Fig. 1**). Note that Piece 7 requires joining the top and bottom sections at the long dashed lines to make the large diamond template for the center star. Also note that the sharp points (less than 90-degree angles) on the diamonds and triangles have been reshaped for easier matching and stitching.



- Cut out each shape on the drawn lines, using a rotary cutter and ruler to ensure accuracy.
- Use an awl or large, sharp needle to pierce the template plastic through the center of each match-point circle so that you can easily mark them on the fabric pieces.
- Position each template on the right side of the correct fabric in the position shown in the illustrations (see Cutting, below) and trace onto the fabric with a sharp pencil. On dark fabrics, it may be necessary to use a fine-point white or darker marking tool in order to see the traced lines.

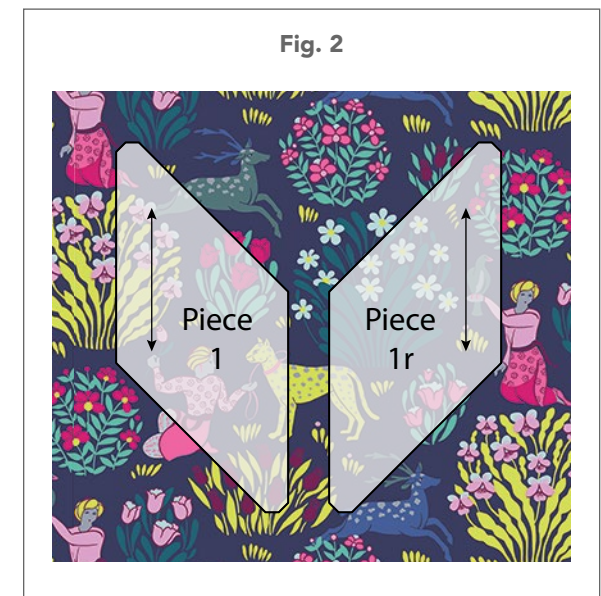
Note: It is essential to pay attention to the direction of the print and the straight-of-grain arrows when positioning templates on the fabric strips for tracing and cutting. This ensures that the directional prints are cut correctly for their position in the finished quilt.

- After cutting template pieces from the fabric, turn the fabric pieces wrong side up. Place the appropriate template on the wrong side of each piece and mark the match points at the seam intersections.
- Keep fabric pieces organized by number and fabric.
- Handle the bias edges of all pieces with care while cutting and sewing to avoid stretching them out of shape.

Cutting

WOF = width of fabric

Note: The prints in this collection are directional and one-way designs. For that reason, you will cut half of the required diamonds with Templates 1, 4, and 7 placed face up on the fabric. After cutting the first half, you will flip the templates so they are face down on the required fabrics to trace the required number of diamonds reversed (r). This ensures that the directional prints are mirror images in the Star-point units (**Fig. 2**). Be sure to observe the straight-of-grain arrows.



Fabric A, cut:

(1) 5 $\frac{1}{8}$ " x WOF (14.93cm x WOF);
sub-cut (15) Piece 1
(1) 5 $\frac{1}{8}$ " x WOF (14.93cm x WOF);
sub-cut (1) additional Piece 1 and (8) Piece 4
(3) 12 $\frac{5}{8}$ " x WOF (32.07cm x WOF) strips;
sub-cut (12) Piece 7 and (4) Piece 7r

Fabric B, cut:

(3) 6 $\frac{5}{8}$ " x WOF (16.83cm x WOF);
sub-cut (16) Piece 2
(2) 5 $\frac{1}{8}$ " x WOF (14.29cm x WOF). As shown in **Figure 3**,
on page 5; sub-cut a total of (6) Piece 3a and (6) Piece 3d.
(2) 9 $\frac{1}{2}$ " x WOF (24.13cm x WOF). As shown in **Figure 4**,
on page 5; sub-cut a total of (6) Piece 3b and (6) Piece 3c.
(1) 9 $\frac{1}{2}$ " x WOF (24.13cm x WOF); sub-cut (4) Piece 5
(**Fig. 5** on page 5). Note that all four edges of these
squares are on the bias and the pieces require careful
handling to avoid stretching.
(1) 7" x WOF (17.78cm x WOF); sub-cut (2) Piece 6a, (2)
Piece 6b, (2) Piece 6c, and (2) Piece 6d (**Fig. 6** on page 5).
Be sure to reverse the template as shown so the direc-
tional print will be correctly positioned.

Fabric C, cut:

(2) 12 $\frac{5}{8}$ " x WOF (32.07 x WOF); sub-cut (4) Piece 7 and
(4) Piece 7r

Fabric D, cut:

(2) 12 $\frac{5}{8}$ " x WOF (32.07 x WOF); sub-cut (4) Piece 7 and
(8) Piece 7r

Fabric E, cut:

(2) 5 $\frac{1}{8}$ " x WOF (14.93cm x WOF); sub-cut (16) Piece 1
and (14) Piece 1r

(2) 5 $\frac{1}{8}$ " x WOF (14.93cm x WOF); sub-cut (2) additional
Piece 1r, (8) Piece 4, and (8) Piece 4r
(2) 12 $\frac{5}{8}$ " x WOF (32.07 x WOF); sub-cut (4) Piece 7 and
(4) Piece 7r

Fabric F, cut:

(1) 5 $\frac{1}{8}$ " " x WOF (14.93cm x WOF);
sub-cut (15) Piece 1r
(1) 5 $\frac{1}{8}$ " x WOF (14.93cm x WOF);
sub-cut (1) additional Piece 1r and (8) Piece 4r
(2) 12 $\frac{5}{8}$ " x WOF (32.07 x WOF);
sub-cut (4) Piece 7 and (8) Piece 7r

Fabric G, cut:

(8) 1 $\frac{1}{2}$ " x WOF (3.81cm x WOF), for border
(8) 2 $\frac{1}{2}$ " x WOF (6.35cm x WOF), for binding
(2) 5 $\frac{1}{8}$ " x WOF (14.93cm x WOF);
sub-cut (16) Piece 1 and (14) Piece 1r
(2) 5 $\frac{1}{8}$ " x WOF (14.93cm x WOF);
sub-cut (2) additional Piece 1r, (8) Piece 4, and (8) Piece 4r

Fabric H, cut:

(1) 5 $\frac{1}{8}$ " x WOF (14.92cm x WOF);
sub-cut (15) Piece 1r
(2) 12 $\frac{5}{8}$ " x WOF (32.07 x WOF); from (1) strip,
sub-cut (4) Piece 7 and (3) Piece 7r. From the second
strip, sub-cut (1) additional Piece 7r, (16) Piece 1, and (1)
additional Piece 1r (**Fig. 7** on page 5).

Fabric I, cut:

(2) 5 $\frac{1}{8}$ " x WOF (14.93cm x WOF); sub-cut (8) Piece 4 and
(8) Piece 4r

Fabric J, cut:

(2) 12 $\frac{5}{8}$ " x WOF (32.07cm x WOF); sub-cut (4) Piece 7
and (4) Piece 7r

Sewing Instructions

Note: Sew all pieces with right sides together (RST), using a precise $\frac{1}{4}$ "- wide (0.64cm) seam allowance and heeding the following suggestions to ensure precision piecing:

- Pin pieces together for seaming, taking care not to stretch the bias edges. Make sure raw edges are aligned and the match points align precisely.
- Stitch slowly to ensure accuracy. Piecing diamond designs requires sewing with accurate seam allowances to ensure a smooth and flat finished quilt.
- When sewing pieces together from match point to match point as directed below, place the needle down in the first match point. Lower the presser foot and take a few stitches, then backstitch to, but not past, the match point. Continue stitching, ending precisely at the second match point in the seam; backstitch a few stitches before clipping the threads and removing the pieces from the machine.
- Handle all fabric pieces gently to avoid stretching bias edges. Use a dry iron and press with care to avoid stretching or distorting the pieces.

Fig. 3



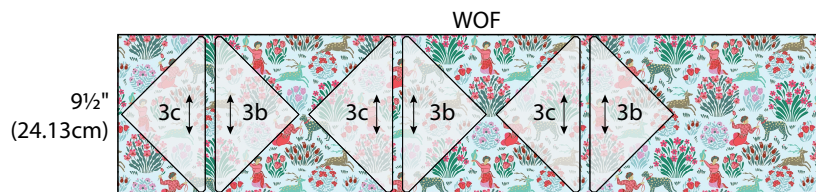
Cut a total of 6 each of Pieces 3a and 3d.

Fig. 6



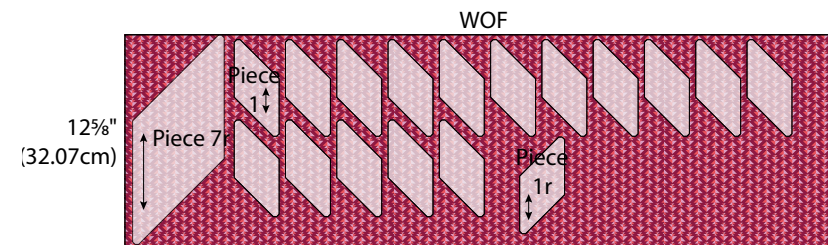
Cut 2 each of Pieces 6a, 6b, 6c, and 6d.

Fig. 4



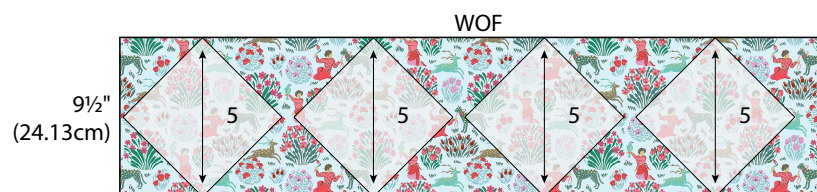
Cut a total of 6 each of Pieces 3b and 3c.

Fig. 7



Cut 1 Piece 7r, 16 Piece 1, and 1 Piece 1r.

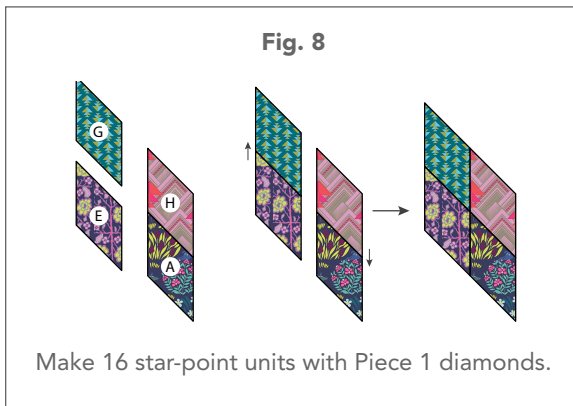
Fig. 5



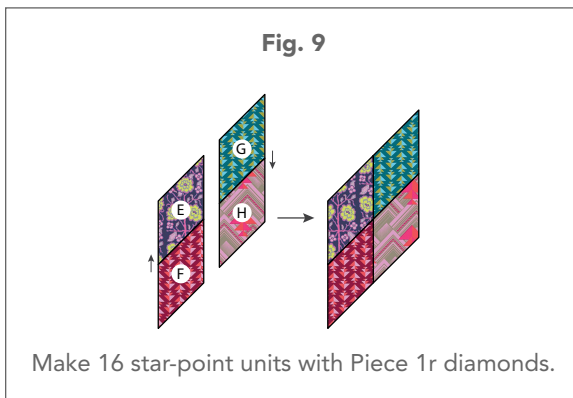
Cut 4 of Piece 5.

Make the Blazing Star Blocks

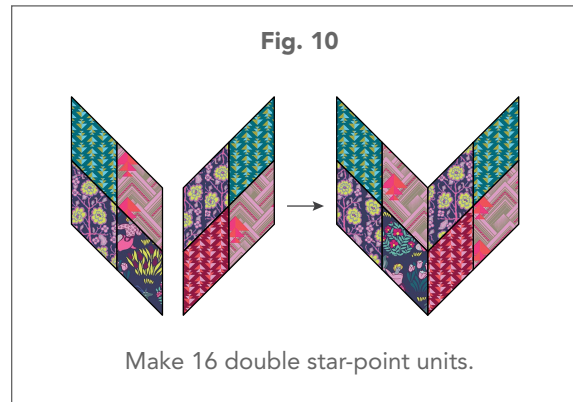
1. Referring to **Figure 8**, arrange the required Piece 1 diamonds of **Fabrics A, E, G, and H** in the rows and order shown. Pin the diamonds together, taking care to align the marked match points. Stitch together in the pairs shown and press the seam allowances as directed by the arrows. Join the diamond pairs to make (1) star-point unit (**Fig. 8**). Press the seam open.



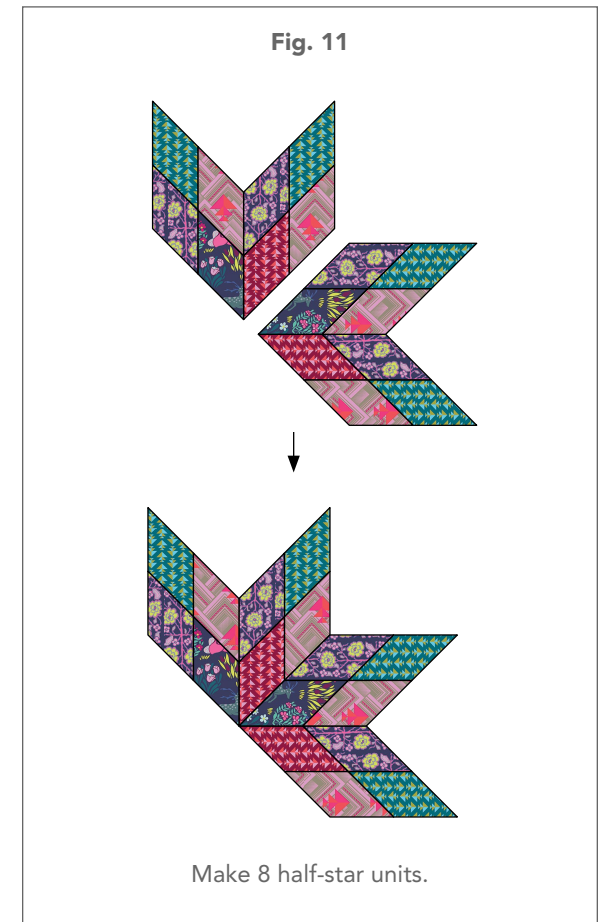
2. Repeat Step 1 with Piece 1r diamonds of **Fabrics E, F, G, and H** to make 16 star-point units (**Fig. 9**).



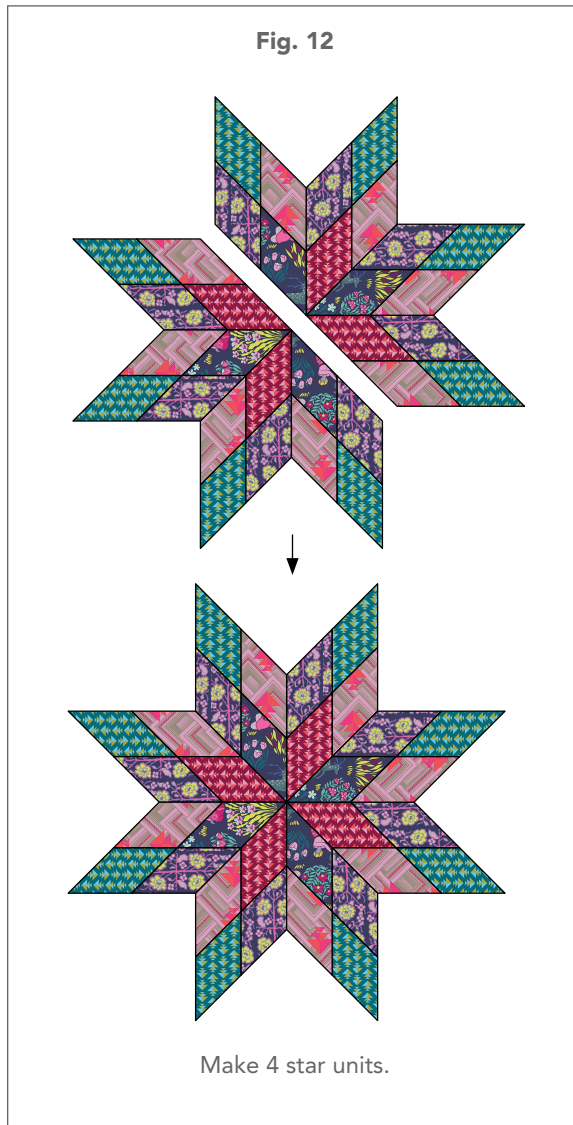
3. Paying careful attention to fabric placement and print orientation, arrange the star-point units from Steps 1 and 2 in the pairs shown and pin together; align the match points. Stitching from match point to match point only, sew the units together to make a total of (16) double star-point units (**Fig. 10**). Press the seams open.



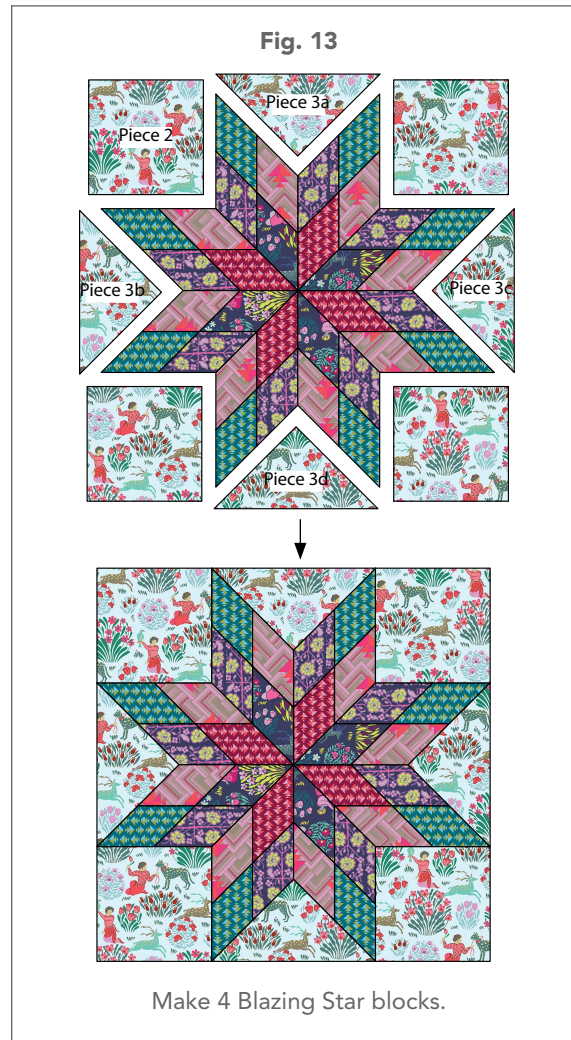
4. Sew the star-point units from Step 3 together in pairs, stitching from match point to match point only, to make a total of (8) half-star units (**Fig. 11**). Press the seam open in each pair.



5. Sew the half-star units from Step 4 together in pairs, stitching from match point to match point only, to make a total of (4) star units (**Fig. 12** on page 7). Press the seam open in each unit.

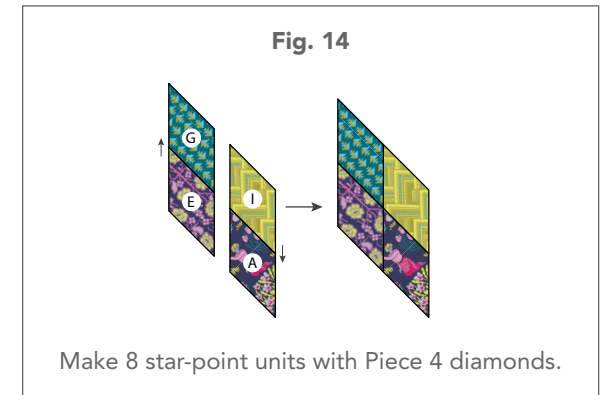


6. Paying careful attention to fabric orientation, arrange a star unit with (4) Piece 2 of **Fabric B** and 1 each of Pieces 3a, 3b, 3c, and 3d. Using inset seams, sew all Piece 2 and 3 squares and triangles of **Fabric B**, to the star unit to complete a Blazing Star block (**Fig. 13**). Press the seam allowances open. Make a total of (4) Blazing Star blocks.

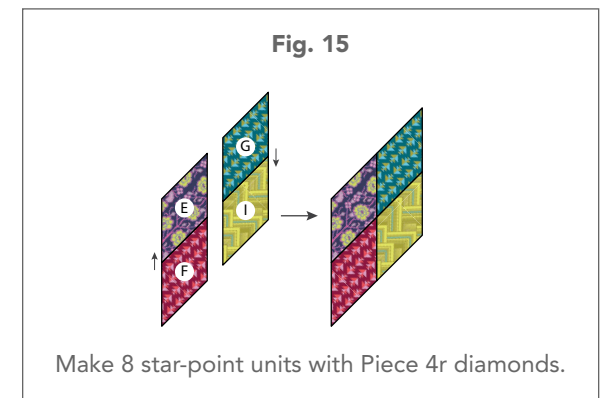


Make the Half-Star Triangles

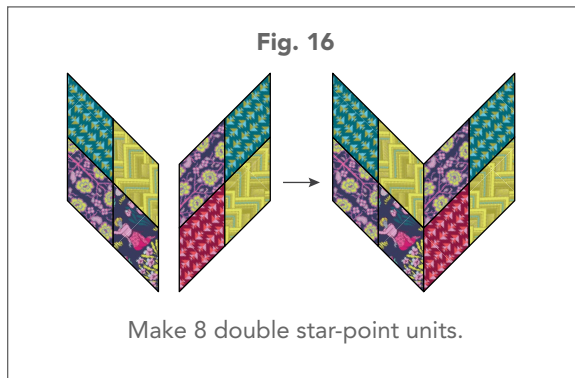
7. Following Step 1 and referring to Figure 14, use Fabrics A, I, E, and G Piece 4r diamonds to make a total of (8) Star-point units (**Fig. 14**).



Use **Fabrics I, G, F, and E** Piece 4 diamonds to make a total of (8) Star-point units and press as directed by the arrows (**Fig. 15**).



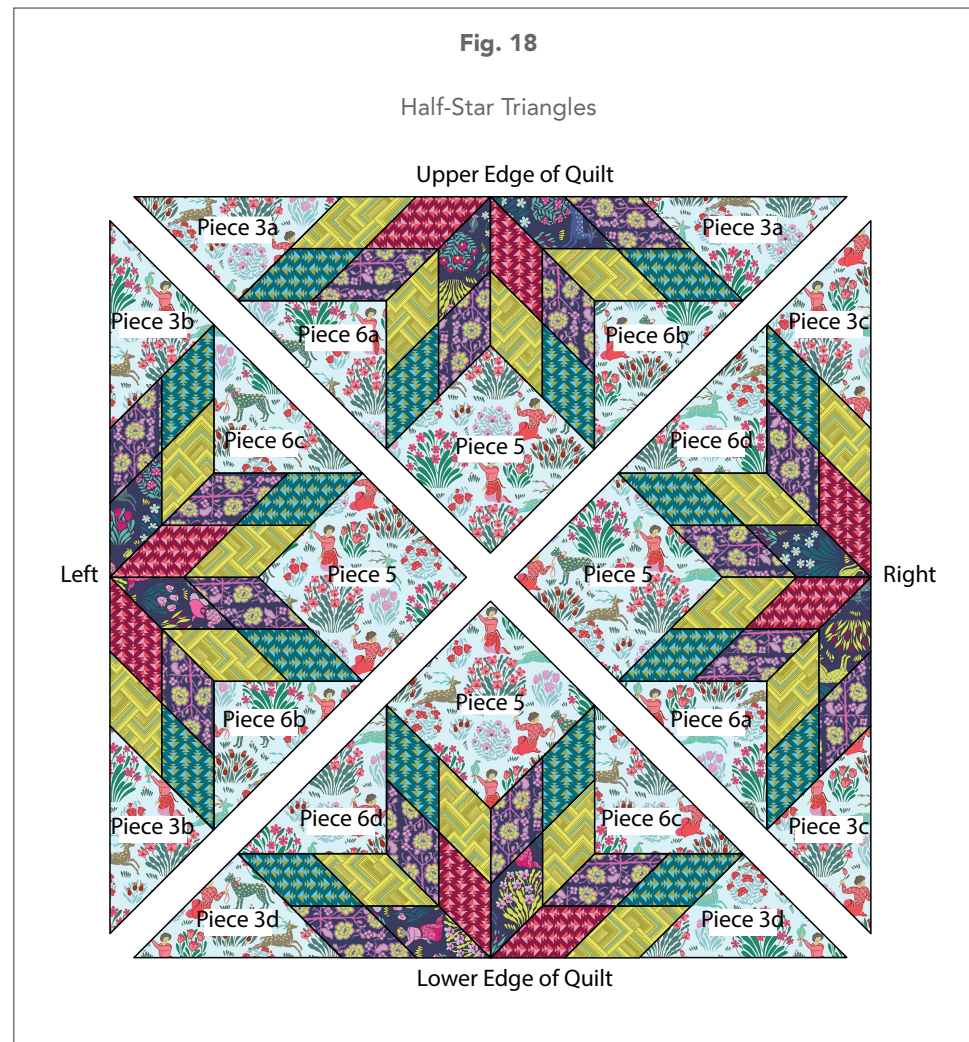
8. Arrange the star-point units in pairs and sew together from match point to match point only. Press the seam open to make a double star-point unit (**Fig. 16**). Make a total of (8) double star-point units.



9. Sew the double star-point units from Step 9 together in pairs to make (4) half-star units (**Fig. 17**).

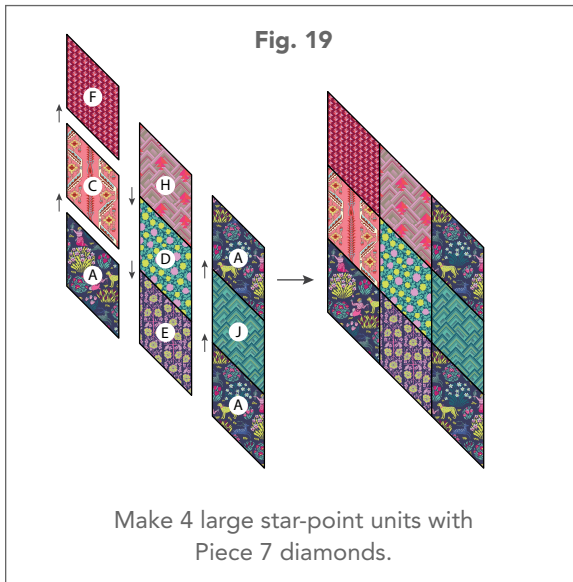


10. Arrange the half-star units from Step 10 with **Fabric B** Pieces 3a, 3b, 3c, 3d, 5, 6a, 6b, 6c, and 6d as shown, paying careful attention to the print orientation (**Fig. 18**). Using inset seams, sew the pieces together to complete each of the (4) Half-Star triangles. Press the seams open.

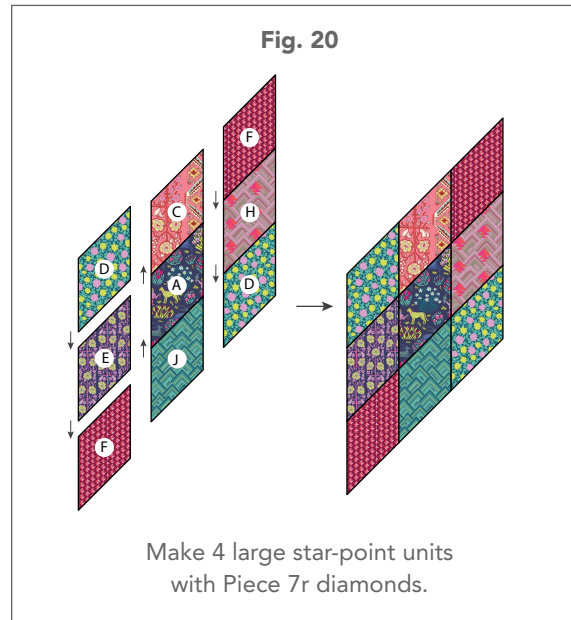


Make the Large Star

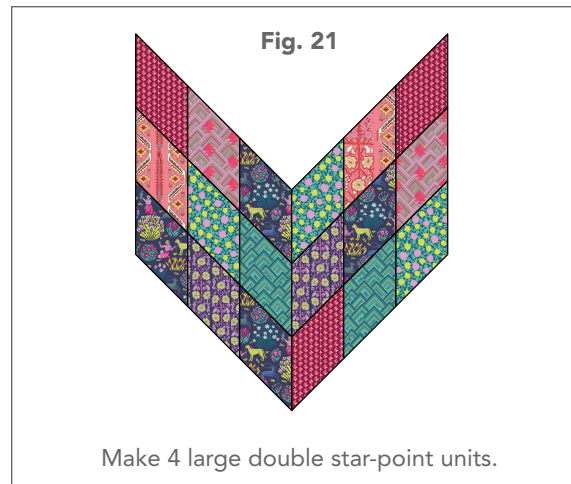
11. Arrange (1) each of **Fabrics F, C, H, D, E,** and **J** with (3) of **Fabric A** Piece 7 diamonds in the rows shown. Sew together in rows and press the seam allowances as directed by the arrows. Sew the rows together in the order shown to complete (1) large star-point unit (**Fig. 19**). Press the seams open. Repeat to make a total of (4) large star-point units of Piece 7 diamonds.



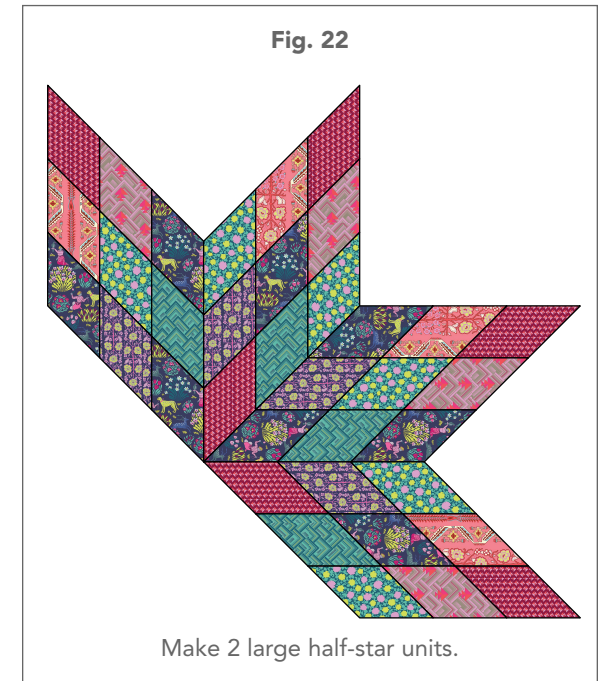
12. Repeat Step 12 with (1) each of **Fabrics A, C, E, H,** and **J** and (2) each of **Fabrics D and F** Piece 7r diamonds. Sew together in the order and rows shown and press as directed. Join the rows to complete (4) large star-point units composed of Piece 7r diamonds (**Fig. 20**).



13. Using the same piecing method as used for the Blazing Star blocks and stitching from match point to match point only, sew the units from Steps 12 and 13 together to make a total of (4) double star-point units (**Fig. 21**). Press the seams open.



14. Stitching from match point to match point only, sew the double star-point units together in pairs and press the seams open (**Fig. 22**).



15. Join the resulting half-stars together to complete the large central star for the quilt top as shown in the **Quilt Layout** on page 11.

Quilt Top Assembly

16. Referring to the **Quilt Layout** (on page 11) and noting the fabric-print orientation in each of the Blazing Star blocks and Half-Star triangles, arrange them around the large center star as shown.
17. Using inset seams, sew each Blazing Star block to a corner of the quilt top and add a Half-Star Triangle to each edge. Press the seam allowances open.
18. Sew the (8) 1½" x WOF (3.81cm x WOF) **Fabric G** border strips together end-to-end using diagonal seams and press the seams open.
19. Press the quilt top, taking care not to stretch it and measure its length through the center and at each long edge. Average the measurements if necessary and cut (2) border strips from the pieced **Fabric G** strip. Sew (1) border strip to each side of the quilt top. Press the seam allowances toward the border strips.
20. Repeat Step 20 to measure and determine the correct cutting length for the top and bottom borders. Cut (2) strips from the remainder of the pieced **Fabric G** strip and sew one to the top and the other to the bottom of the quilt.

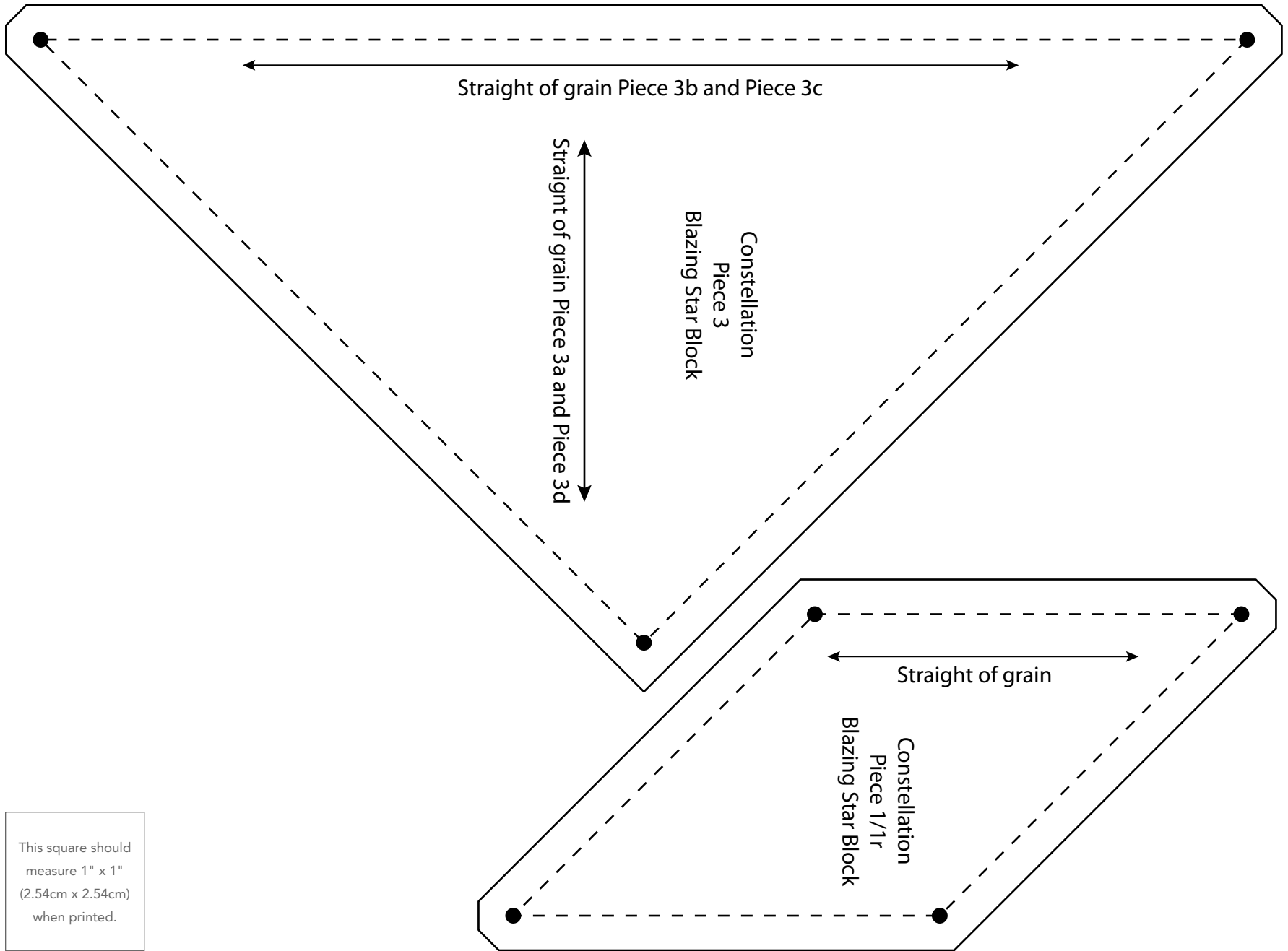
Finishing

21. Sew together the (8) 2½" x WOF (6.35cm x WOF) **Fabric G** binding strips end to end using diagonal seams. Press the seams open. Press the binding strip in half wrong sides together.
22. Layer the backing (wrong side up), batting, and quilt top (right side up). Baste the layers together and quilt as desired. Trim excess batting and backing even with the top after quilting is completed.
23. Leaving an 8" (20.32cm) tail of binding, sew binding to top of quilt through all layers matching all raw edges. Miter corners. Stop approximately 12" (30.48cm) from where you started. Lay both loose ends of binding flat along quilt edge. Where these two loose ends meet, fold them back on themselves and press to form a crease. Using this crease as your stitching line, sew the two open ends of the binding together right sides together. Trim seam to ¼" (.64cm) and press open. Finish sewing binding to quilt.
24. Turn the binding to the back of quilt and hand-stitch in place.



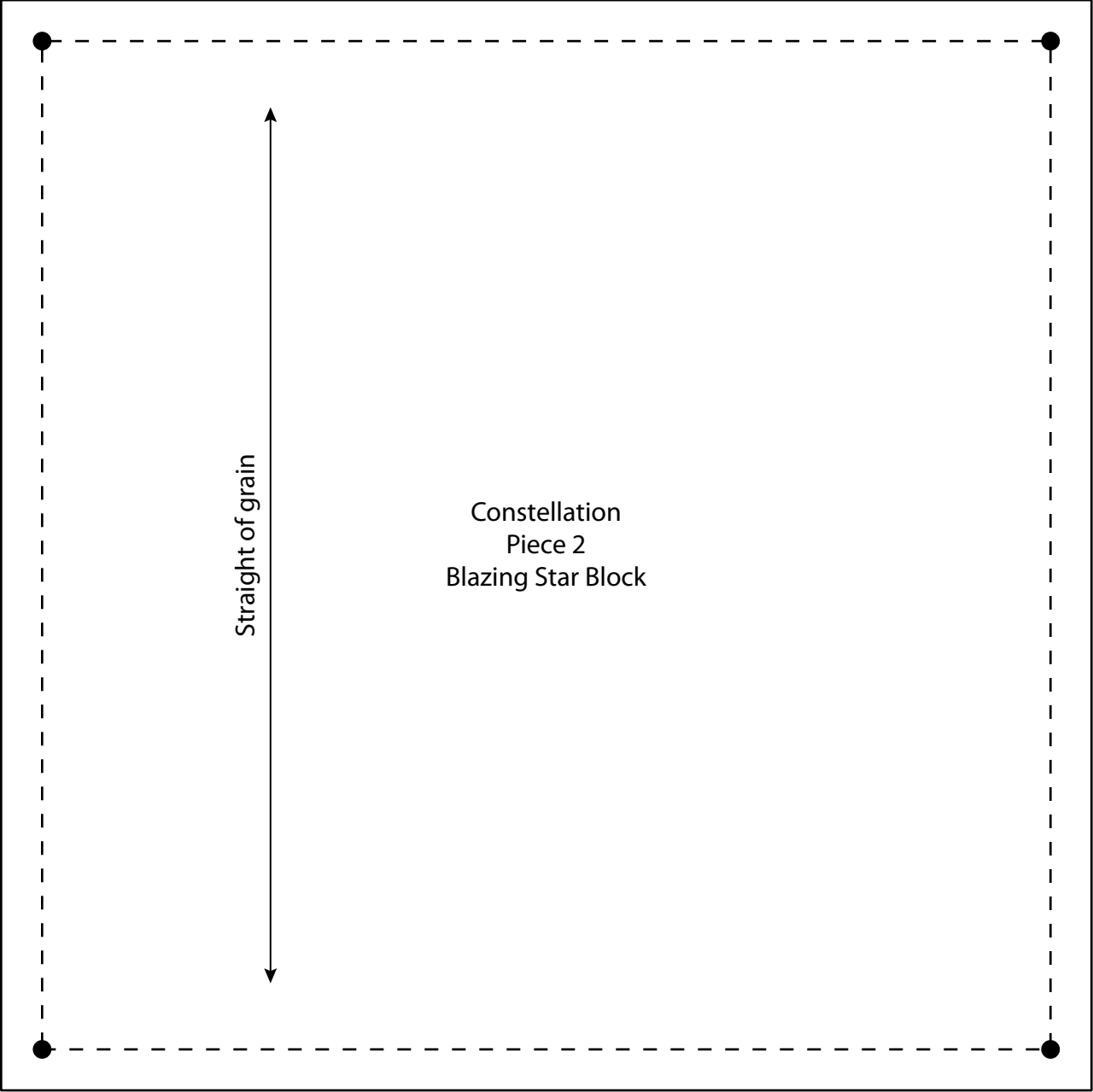
Quilt Layout

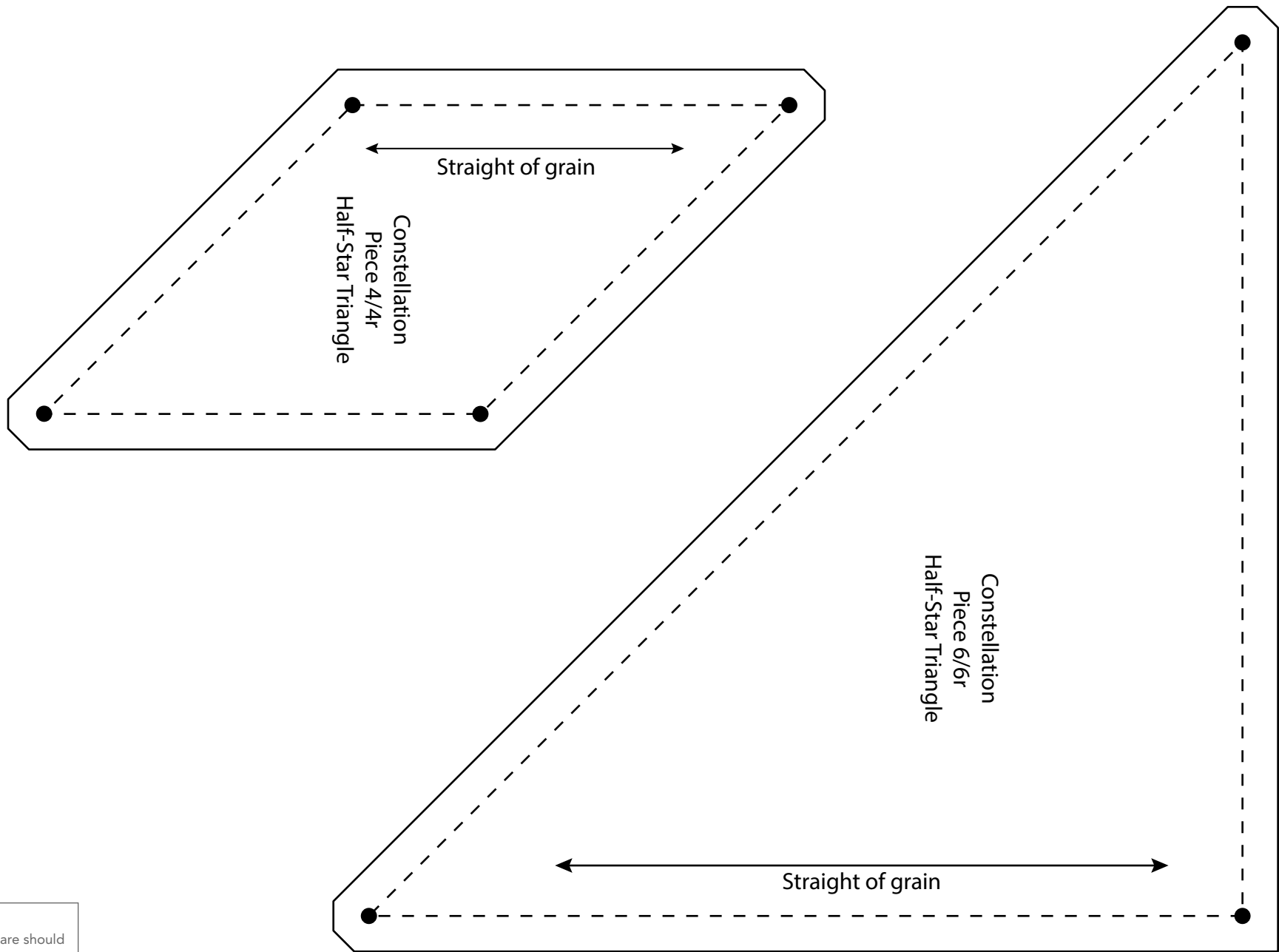




*** Measure templates before cutting to confirm printing at 100%***

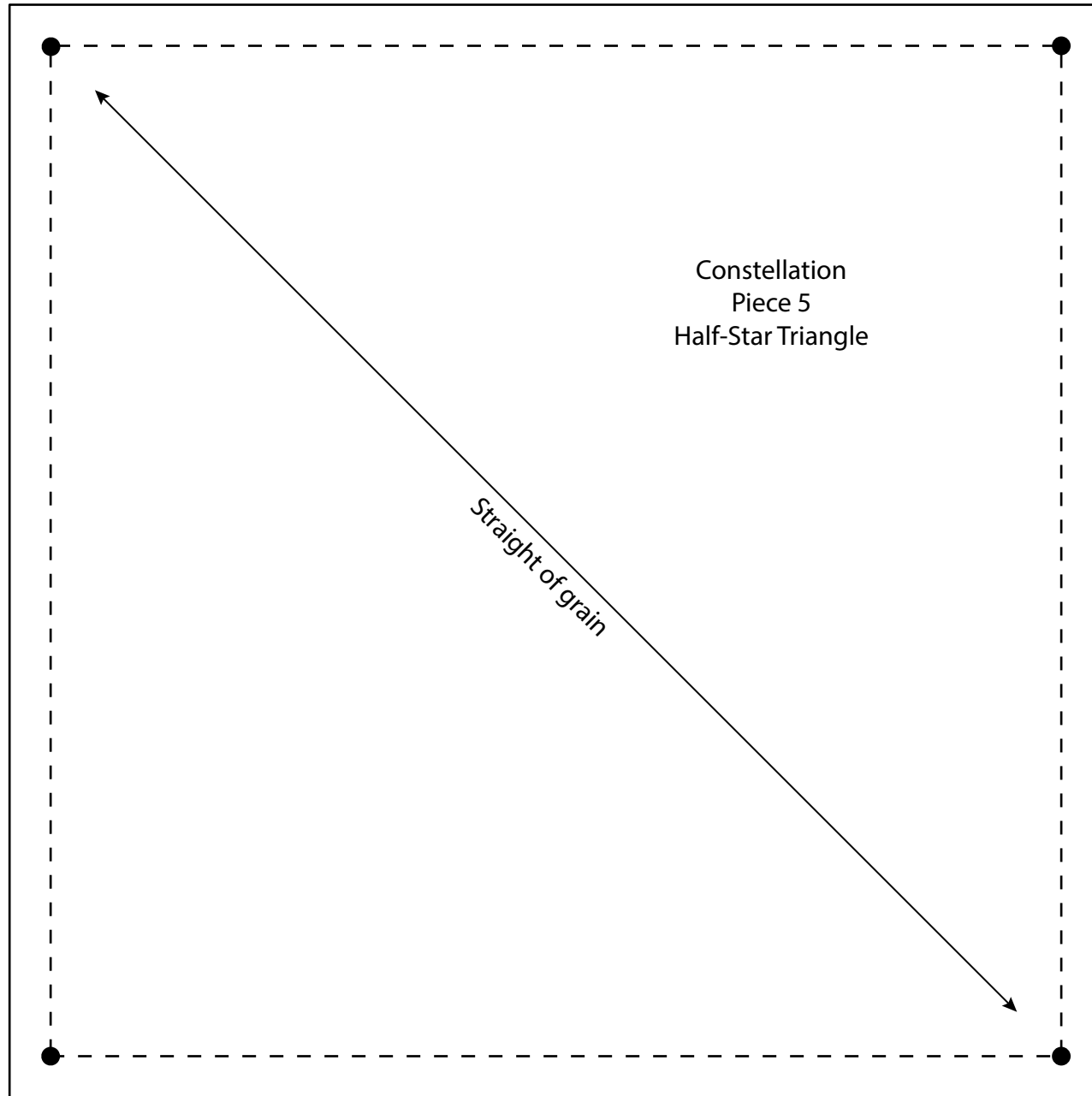
This square should
measure 1" x 1"
(2.54cm x 2.54cm)
when printed.





This square should
measure 1" x 1"
(2.54cm x 2.54cm)
when printed.

*** Measure templates before cutting to confirm printing at 100%***



This square should
measure 1" x 1"
(2.54cm x 2.54cm)
when printed.

*** Measure templates before cutting to confirm printing at 100%***

