

# GEMSTONES - RUBY

Designed by Robert Kaufman Fabrics    Featuring  
[www.robertkaufman.com](http://www.robertkaufman.com)



Finished quilt measures: 83-1/8" x 83-1/8"

**Pattern Level: Advanced Expert**





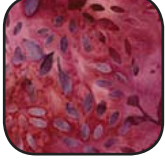

*"My skills are sharp, so I'm ready to  
take on the hard stuff."*

**ROBERTKAUFMAN**  
F A B R I C S

*For questions about this pattern, please email [Patterns@RobertKaufman.com](mailto:Patterns@RobertKaufman.com).*

## Fabric and Supplies Needed

*Fabric amounts based on yardage that is 43" wide.*

Color	Fabric	Name/SKU	Yardage	Color	Fabric	Name/SKU	Yardage
	A	AMD-16173-153 SAND	3-5/8 yards		D	AMD-16173-108 FUCHSIA	1 yard
	B	AMD-16175-95 BURGUNDY	3-1/2 yards		E	AMD-16174-95 BURGUNDY	1-1/8 yard
	C	AMD-16176-95 BURGUNDY	1 yard		F	AMD-16173-20 AMETHYST	1-1/8 yard
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## Notes Before You Begin

- Read through all of the instructions before beginning.
- All of the seam allowances are 1/4" unless otherwise noted.
- Press seam allowances open unless otherwise noted.
- Width of fabric (WOF) is equal to at least 43" wide.
- Right sides together has been abbreviated to RST.
- Remember to measure twice and cut once!

## Cutting Instructions

### From Fabric A, cut:

- five 6-1/2" x WOF strips. Subcut:
  - sixty 3-1/2" x 6-1/2" rectangles
- five 3-1/2" x WOF strips. Subcut:
  - eighty 2-1/2" x 3-1/2" rectangles
- five 3-1/4" x WOF strips. Subcut:
  - fifty-four 3-1/4" squares. Cut each square in half once along the diagonal.
- three 2-7/8" x WOF strips. Subcut:
  - forty 2-7/8" squares
- three 2-7/8" x WOF strips. Subcut:
  - twenty 2-7/8" x 5-1/4" rectangles
- two 2-1/2" x WOF strips. Subcut:

twenty 2-1/2" squares  
four 2-1/8" x WOF strips. Subcut:  
seventy-two 2-1/8" squares. Cut each square in half once along the diagonal.  
five 2" x WOF strips. Subcut:  
sixty 2" x 3-1/2" rectangles  
seven 2" x WOF strips. Set aside for strip piecing.

**From Fabric B, cut:**

three 6-1/2" x WOF strips. Subcut:  
thirty-six 3-1/2" x 6-1/2" rectangles  
two 5-5/8" x WOF strips. Subcut:  
eight 5-5/8" squares. Cut each square in half once along the diagonal.  
Trim the remainder of the second strip to 4" wide. Subcut:  
eight 4" squares  
three 3-1/2" x WOF strips. Subcut:  
thirty-six 3-1/2" squares  
seven 3-1/2" x WOF strips. Subcut:  
one hundred twelve 2-1/2" x 3-1/2" rectangles  
seven 2-7/8" x WOF strips. Subcut:  
eighty-eight 2-7/8" squares  
four 2-7/8" x WOF strips. Subcut:  
twenty-eight 2-7/8" x 5-1/4" rectangles  
two 2-1/2" x WOF strips. Subcut:  
twenty-eight 2-1/2" squares  
five 2" x WOF strips. Set aside for strip piecing.  
three 2" x WOF strips. Subcut:  
thirty-six 2" x 3-1/2" rectangles

**From Fabric C, cut:**

two 5-5/8" x WOF strips. Subcut:  
eight 5-5/8" squares. Cut each square in half once along the diagonal.  
Trim the remainder of the second strip to 3-1/2" wide. Subcut:  
eight 3-1/2" squares for the HSTs  
one 3-1/4" x WOF strips. Subcut:  
ten 3-1/4" squares. Cut each square in half once along the diagonal.  
six 2" x WOF strips. Set aside for strip piecing.  
three 2" x WOF strips. Subcut:  
forty-eight 2" squares

**From Fabric D, cut:**

one 5-5/8" x WOF strip. Subcut:  
two 5-5/8" squares. Cut each square in half once along the diagonal.  
Trim the remainder of the strip to 2-7/8" wide. Subcut seven 2-7/8" squares.  
one 2-7/8" x WOF strip. Subcut:  
fourteen 2-7/8" squares, for a total of twenty-one 2-7/8" squares  
one 3-1/2" x WOF strip. Subcut:  
twelve 3-1/2" squares  
six 2" x WOF strips. Set aside for strip piecing.  
three 2" x WOF strips. Subcut:  
forty-eight 2" squares

**From Fabric E, cut:**

one 4" x WOF strip. Subcut:

eight 4" squares

one 3-1/4" x WOF strip. Subcut:

eight 3-1/4" squares. Cut each square in half once along the diagonal.

one 2-7/8" x WOF strip. Subcut:

eight 2-7/8" squares

eight 2-1/2" x WOF strips. Subcut:

one hundred-twenty 2-1/2" squares

two 2-1/8" x WOF strip. Subcut:

twenty 2-1/8" squares

**From Fabric F, cut:**

two 3-1/2" x WOF strips. Subcut:

sixteen 3-1/2" squares

two 2-7/8" x WOF strips. Subcut:

twenty 2-7/8" squares

eight 2-1/2" x WOF strips. Subcut:

one hundred-twenty 2-1/2" squares

one 2-1/8" x WOF strips. Subcut:

sixteen 2-1/8" squares

**From the Binding Fabric, cut:**

nine 2-1/2" x WOF strips

Assemble the A Blocks

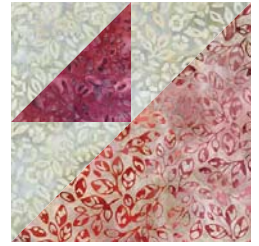


**Step 1:** Sew one 3-1/4" Fabric A and Fabric C triangle together along the longest edge, forming a half-square triangle. Press toward the darker fabric. Repeat to make sixteen HSTs.

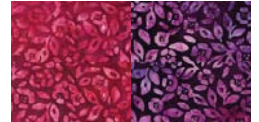
**Step 2:** Sew a 3-1/4" Fabric A triangle to the remaining two edges of the Fabric C triangle. Align the right angle of the triangle to the corner of the HST. The points of the triangles will extend beyond the HST. Press toward the Fabric A triangles. Repeat to make sixteen.



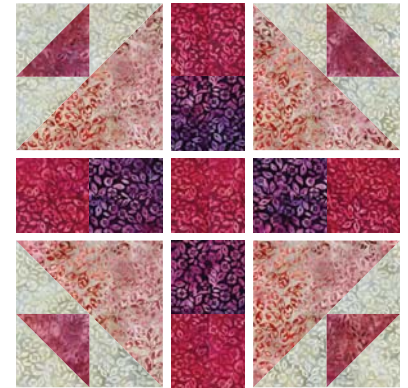
**Step 3:** Sew a 5-5/8" Fabric B triangle to the longest edge of a completed Step 2 unit. Press toward the Fabric B triangle. Repeat to make sixteen.



**Step 4:** Sew one 2-7/8" Fabric F and Fabric D square together. Press toward the darker fabric. Repeat to make sixteen.



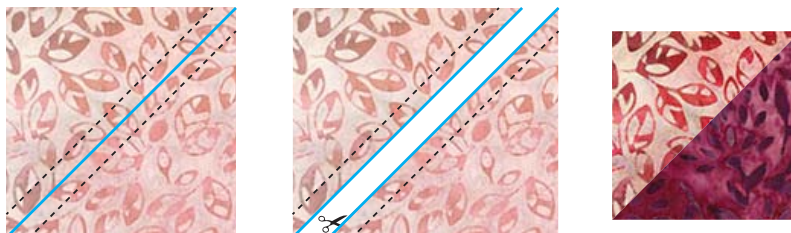
**Step 5:** Gather four completed Step 3 units, four Step 4 units and one 2-7/8" Fabric D square. Arrange to form three rows of three. Sew the units together to form rows, pressing the seams toward the Step 4 units. Sew the rows together, pressing the seams to one side. Repeat to make four 12-3/8" square A Blocks.



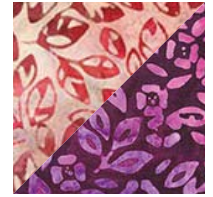
### Assemble the B Blocks



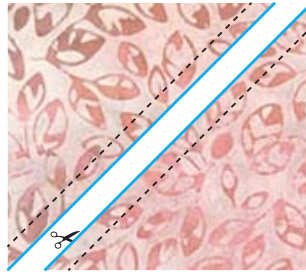
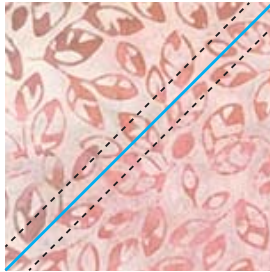
**Step 6:** Pair a 3-1/2" Fabric B square with a 3-1/2" Fabric C square, RST. Mark a diagonal line on the wrong side of one square. Sew 1/4" away from both sides of the marked line. Cut on the marked line, creating two half-square triangles (HSTs). Press toward the darker fabric. Trim to 2-7/8" square. Repeat to make sixteen B/C HSTs.



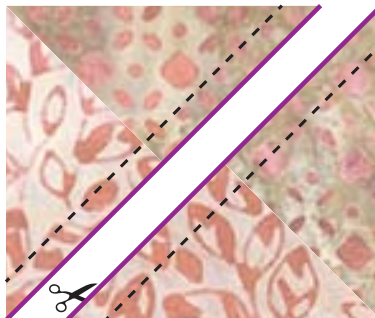
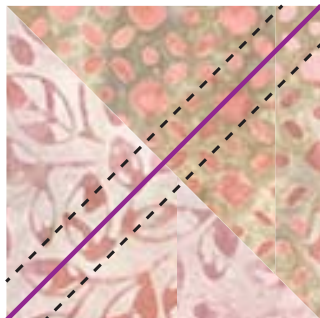
**Step 7:** Repeat Step 6 using 3-1/2" Fabric B and Fabric F squares (sixteen each) to make thirty-two B/F HSTs.



**Step 8:** Pair a 4" Fabric B square with a 4" Fabric E square, RST. Mark a diagonal line on the wrong side of one square. Sew 1/4" away from both sides of the marked line. Cut on the marked line, creating two half-square triangles (HSTs). Press toward the darker fabric.



**Step 9:** Pair two Step 8 HSTs, RST, matching opposite fabrics together. Mark a diagonal line perpendicular to the seam line on the wrong side of one square. Sew 1/4" away from both sides of the marked line. Cut on the marked line, creating two quarter-square triangles (QSTs). Press toward the seam open or to one side. Trim to 2-7/8" square. Repeat Steps 8 and 9 to make sixteen QSTs.



**Step 10:** Gather four completed Step 6 units, eight Step 7 units, four Step 9 units, eight 2-7/8" Fabric B squares and one 2-7/8" Fabric E square. Arrange to form five rows of five. Sew the units together to form rows, pressing the seams in opposite directions every other row. Sew the rows together, pressing the seams to one side. Repeat to make four 12-3/8" square B Blocks.



## Assemble the C Blocks



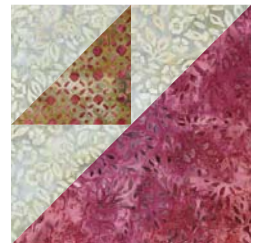
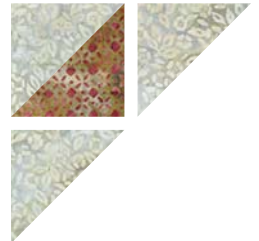
**Step 11:** Sew one 3-1/4" Fabric A and Fabric E triangle together along the longest edge, forming a half-square triangle. Press toward the darker fabric. Repeat to make sixteen HSTs.

**Step 12:** Sew a 3-1/4" Fabric A triangle to the remaining two edges of the Fabric E triangle. Align the right angle of the triangle to the corner of the HST. The points of the triangles will extend beyond the HST. Press toward the Fabric A triangles. Repeat to make sixteen.

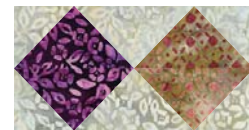
**Step 13:** Sew a 5-5/8" Fabric C triangle to the longest edge of a completed Step 12 unit. Press toward the Fabric C triangle. Repeat to make sixteen.

**Step 14:** Sew a 2-1/8" Fabric A triangle to opposite sides of a 2-1/8" Fabric E square. Press seam allowances toward the triangles. Repeat on remaining sides of the Fabric E square. Trim the square-in-a-square (SIAS) block to 2-7/8" square. Repeat to make sixteen.

**Step 15:** Repeat Step 14 to make twenty 2-7/8" Fabric F/A SIAS units.



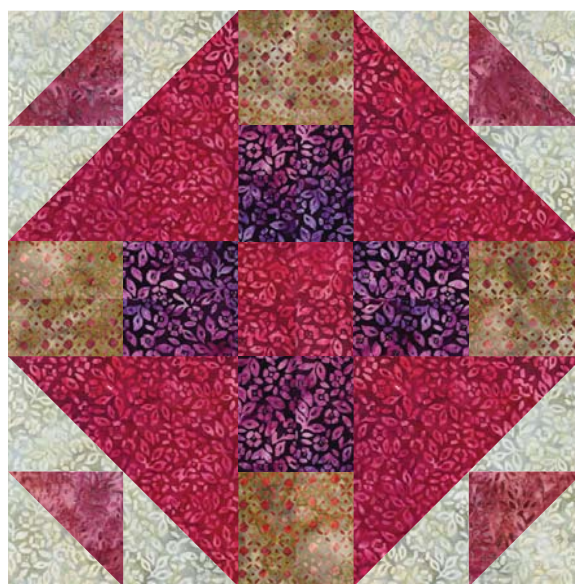
**Step 16:** Sew one Fabric E and Fabric F SIAS unit together. Press the seam open. Repeat to make sixteen. There will be four single Fabric E SIAS units remaining.



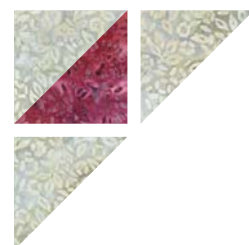
**Step 17:** Gather four completed Step 13 units, four Step 16 units and one Fabric E SIAS unit. Arrange to form three rows of three. Sew the units together to form rows, pressing the seams toward the Step 16 units. Sew the rows together, pressing the seams to one side. Repeat to make four 12-3/8" square C Blocks.



### Assemble the D Block



**Step 18:** Sew one 3-1/4" Fabric A and Fabric C triangle together along the longest edge, forming a half-square triangle. Press toward the darker fabric. Repeat to make four HSTs.



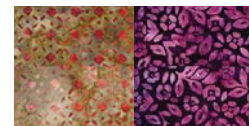
**Step 19:** Sew a 3-1/4" Fabric A triangle to the remaining two edges of the Fabric C triangle. Align the right angle of the triangle to the corner of the HST. The points of the triangles will extend beyond the HST. Press toward the Fabric A triangles. Repeat to make four.



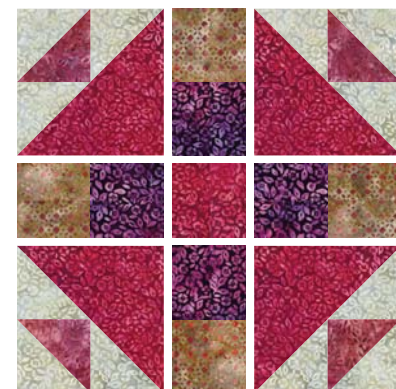
**Step 20:** Sew a 5-5/8" Fabric D triangle to the longest edge of a completed Step 19 unit. Press toward the Fabric D triangle. Repeat to make four.



**Step 21:** Sew one 2-7/8" Fabric E and Fabric F square together. Press toward the darker fabric. Repeat to make four.



**Step 22:** Gather four completed Step 20 units, four Step 21 units and one 2-7/8" Fabric D square. Arrange to form three rows of three. Sew the units together to form rows, pressing the seams toward the Step 21 units. Sew the rows together, pressing the seams to one side, creating one 12-3/8" square D Block.

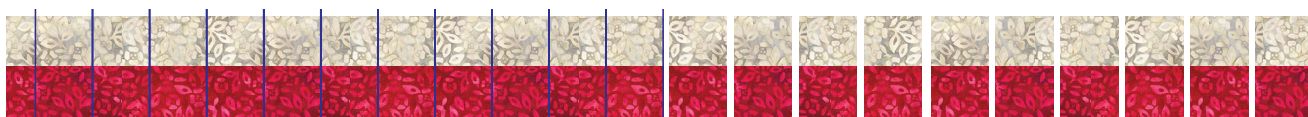


### Prepare the 4-Patch Strip Sets

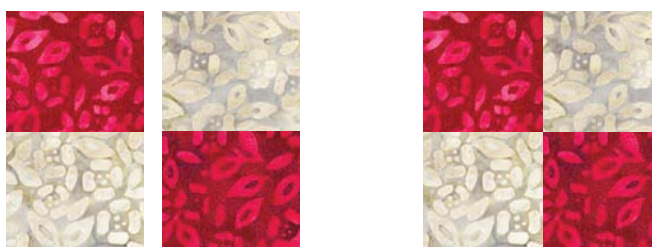
**Step 23:** Sew one Fabric A and Fabric D 2" x WOF strip together. Press toward the darker fabric. Repeat to make a total of four A/D strip sets.

Repeat to make:  
 three A/C strip sets  
 three B/C strip sets  
 two B/D strip sets

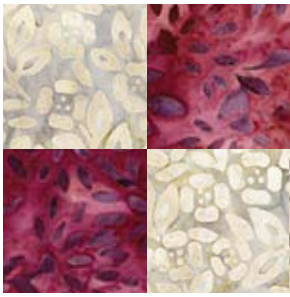
**Step 24:** Subcut each strip set in to 2" x 3-1/2" units.



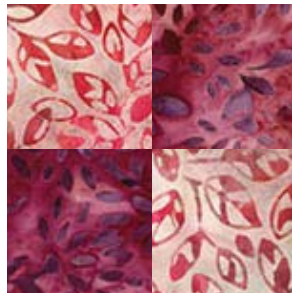
**Step 25:** Sew two A/D units together, matching opposite fabrics RST, to form a 3-1/2" four-patch. Repeat to make thirty-two A/D four-patch units.



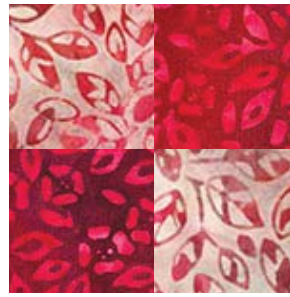
Repeat to make:



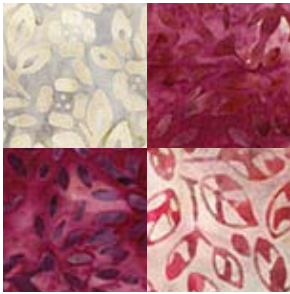
twelve A/C  
four-patch units



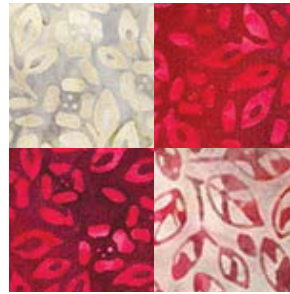
twelve B/C  
four-patch units



eight B/D  
four-patch units



twenty-four four-patches  
using one A/C and one B/C unit



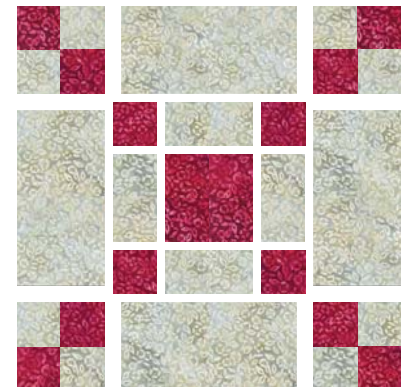
eight four-patches  
using one A/D and one B/D unit

### Assemble the Irish Chain Blocks

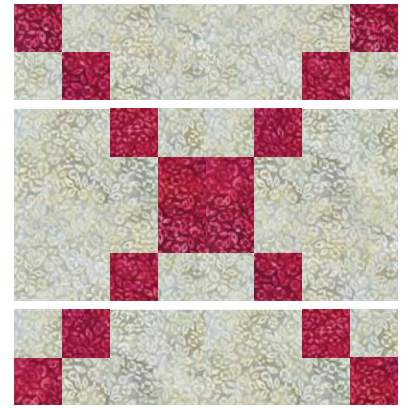


Note: There are three different fabric combinations for the Irish Chain blocks, each using the same construction steps. Refer to the Block Assembly Diagrams for fabric placement in the second and third styles, following the steps illustrated here.

**Step 26:** Gather four A/D four-patch units, four 3-1/2" x 6-1/2" Fabric A rectangles, four 2" Fabric D squares, four 2" x 3-1/2" Fabric A rectangles and one 3-1/2" Fabric D square. Arrange as shown here.

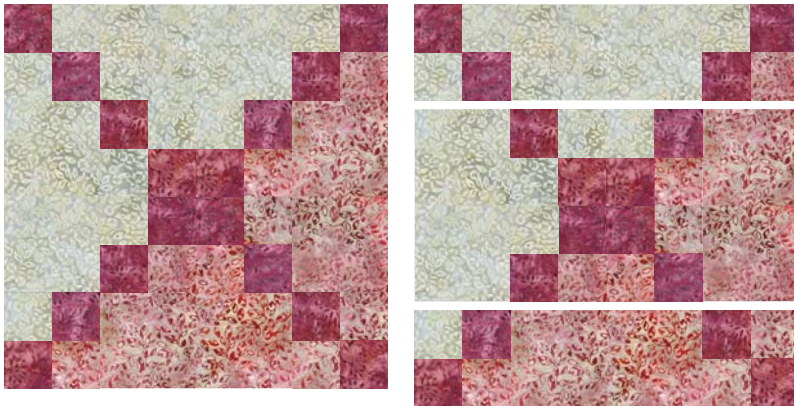


**Step 27:** Sew a 2" x 3-1/2" Fabric A rectangle to the left and right edges of a 3-1/2" Fabric D square. Press toward the darker fabric. Sew a 2" Fabric D square to opposite edges of a 2" x 3-1/2" Fabric A rectangle. Press toward the D squares. Repeat to make two like this and sew to the top and bottom of the center unit.

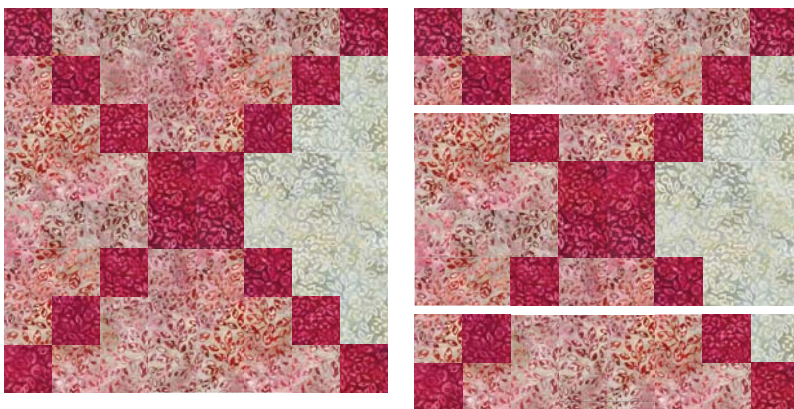


**Step 28:** The units arranged in Step 26 should now be in three rows of three. Sew the units together to form rows, pressing the seams toward the 3-1/2" x 6-1/2" Fabric A rectangles. Sew the rows together, pressing the seams to one side. Repeat and trim to make 12-3/8" square E Blocks.

Repeat Steps 26-28 to make:



twelve F Blocks



four G Blocks

## Prepare Paper Piecing for the H and I Blocks

These blocks are constructed using paper piecing for portions of the block. Sew the pieces in the order indicated on the templates. Trim seam allowances to 1/4" as each new piece is added.

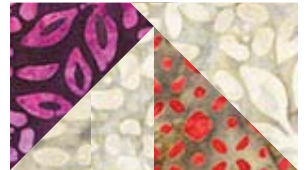
Note:

Template 1, Section 1 uses a 2-1/2" square

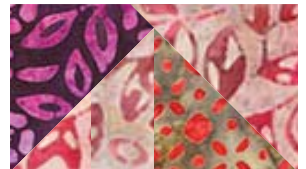
Template 1, Section 2 uses a 2-1/2" x 3-1/2" rectangle

Template 2 uses a 2-1/2" square for each section.

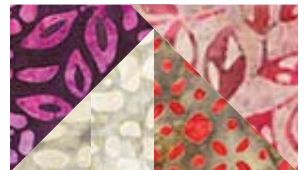
**Step 29:** Paper piece one Template 2 unit, placing Fabric A in section 1, Fabric E in section 2, Fabric A in section 3 and Fabric F in section 4. Trim to the dotted line of the template. Repeat to make eight.



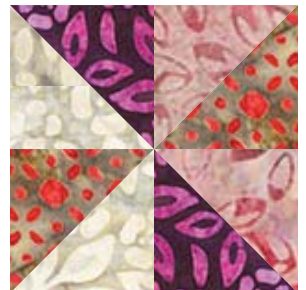
**Step 30:** Paper piece one Template 2 unit, placing Fabric B in section 1, Fabric E in section 2, Fabric B in section 3 and Fabric F in section 4. Trim to the dotted line of the template. Repeat to make twelve.



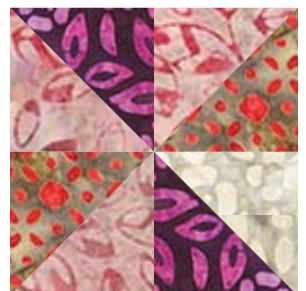
**Step 31:** Paper piece one Template 2 unit, placing Fabric B in section 1, Fabric E in section 2, Fabric A in section 3 and Fabric F in section 4. Trim to the dotted line of the template. Repeat to make four.



**Step 32:** Sew one completed Step 29 unit to one completed Step 30 unit. Press the seam open. Repeat to make eight. Set aside for the H Blocks.



**Step 33:** Sew one completed Step 30 unit to one completed Step 31 unit. Press the seam open. Repeat to make four. Set aside for the I Blocks.



**Step 34:** Paper piece one Template 1 unit, placing Fabric E in section 1 and Fabric A in section 2. Trim to the dotted line of the template. Repeat to make forty.



**Step 35:** Paper piece one Template 1 unit, placing Fabric F in section 1 and Fabric B in section 2. Trim to the dotted line of the template. Repeat to make fifty-six.



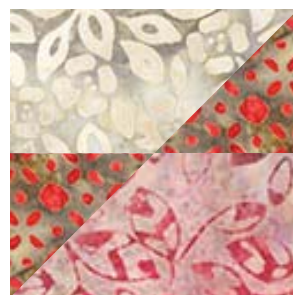
**Step 36:** Paper piece one Template 1 unit, placing Fabric E in section 1 and Fabric B in section 2. Trim to the dotted line of the template. Repeat to make fifty-six.



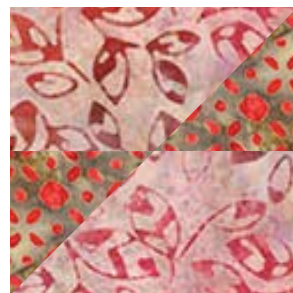
**Step 37:** Paper piece one Template 1 unit, placing Fabric F in section 1 and Fabric A in section 2. Trim to the dotted line of the template. Repeat to make forty.



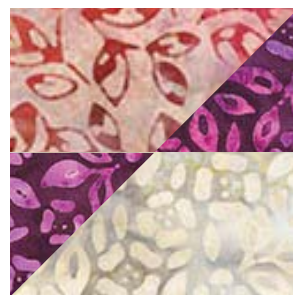
**Step 38:** Sew one completed Step 34 unit to one completed Step 36 unit. Press the seam open. Repeat to make eight. Set aside for the I Blocks.



**Step 39:** Sew two completed Step 36 units together. Press the seam open. Repeat to make twenty-four. Set aside eight for the I Blocks and sixteen for the H Blocks.



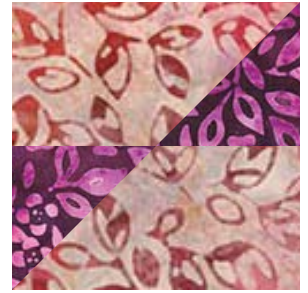
**Step 40:** Sew one completed Step 35 unit to one completed Step 37 unit. Press the seam open. Repeat to make forty. Set aside thirty-two for the H Blocks and eight for the I Blocks.



**Step 41:** Sew two completed Step 34 units together. Press the seam open. Repeat to make sixteen. Set aside for the H Blocks.



**Step 42:** Sew two completed Step 35 units together. Press the seam open. Repeat to make eight. Set aside for the I Blocks.



## Assemble the H Blocks



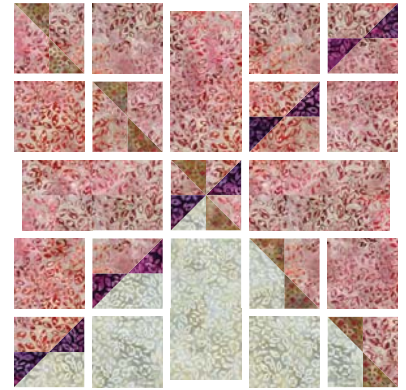
**Step 43:** Gather the block units shown here. Arrange following the block assembly diagram, noting the fabric placement and block orientation. Sew the units together to form four patch units, each comprised of two assembled Template 1 units and two 2-7/8" squares. Then sew together as three rows of three, using the four 2-7/8" x 5-1/4" rectangles and the assembled Template 2 center to complete the block. Press the seams in opposite directions every other row. Sew the rows together, pressing the seams to one side. Repeat to make eight 12-3/8" H Blocks.



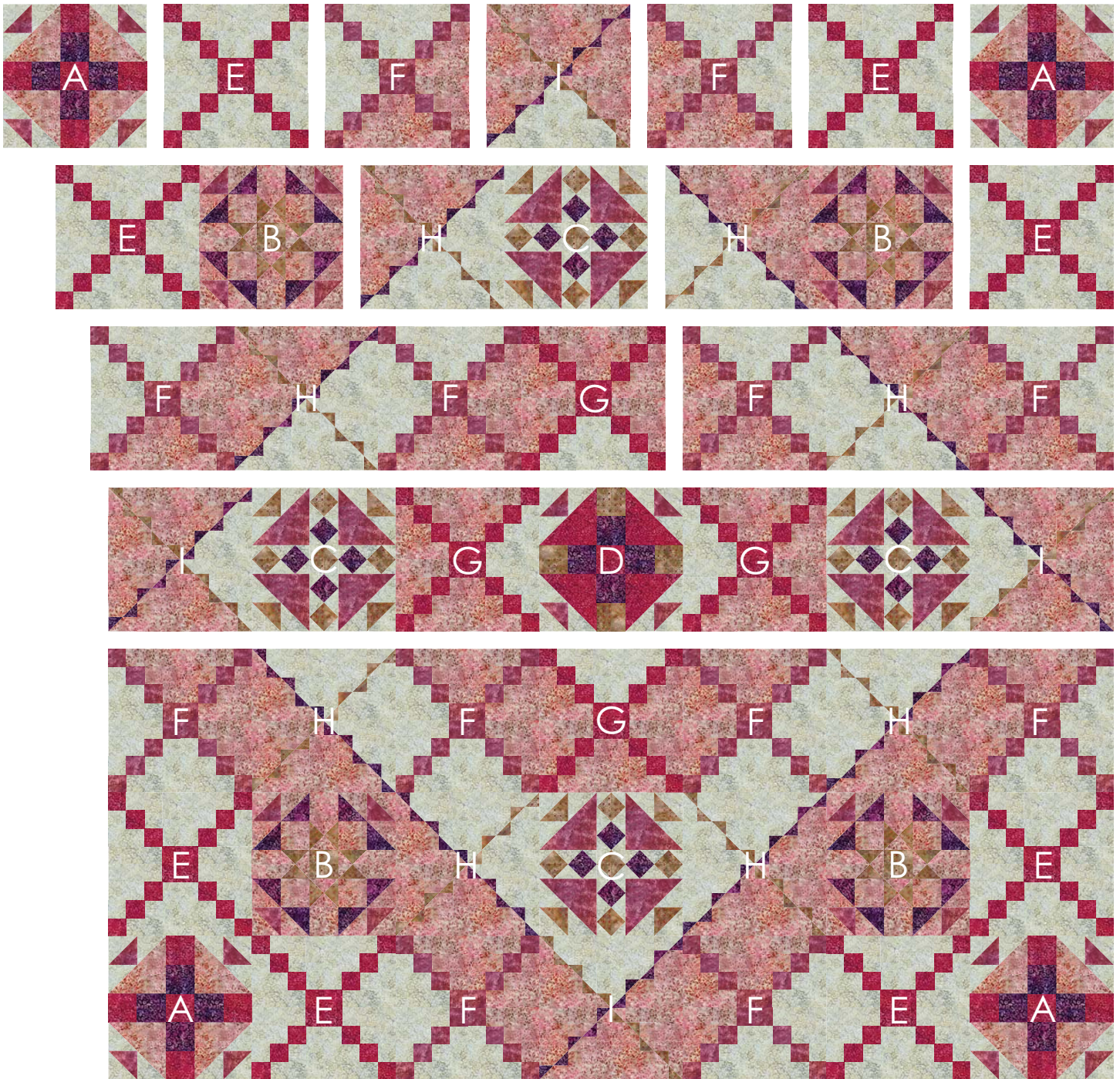
## Assemble the I Blocks



**Step 44:** Gather the block units shown here. Arrange following the block assembly diagram, noting the fabric placement and block orientation. Sew the units together to form four patch units, each comprised of two assembled Template 1 units and two 2-7/8" squares. Then sew together as three rows of three, using the four 2-7/8" x 5-1/4" rectangles and the assembled Template 2 center to complete the block. Press the seams in opposite directions every other row. Sew the rows together, pressing the seams to one side. Repeat to make four 12-3/8" I Blocks.



## Assemble the Quilt



**Step 45:** Arrange the blocks into seven rows of seven blocks. Note the fabric placement and block orientation in the Quilt Assembly Diagram.

**Step 46:** Sew the blocks together to form rows. Press the rows to the left in the odd numbered rows and to the right in the even numbered rows.

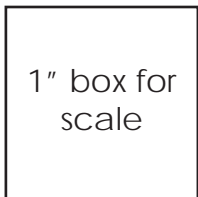
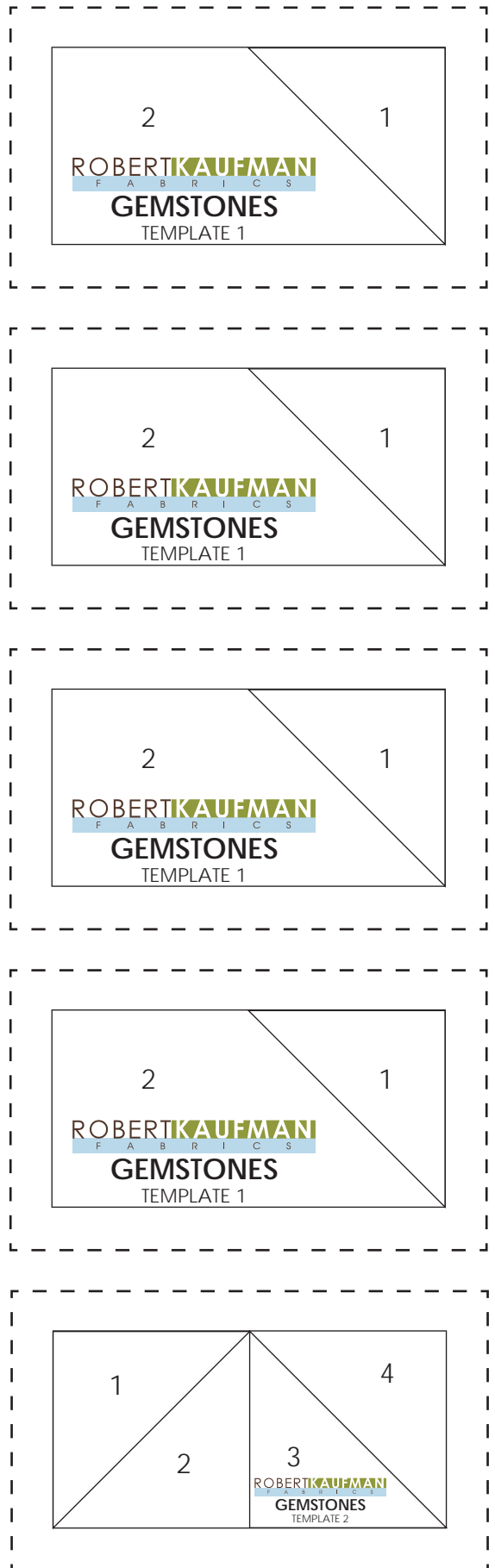
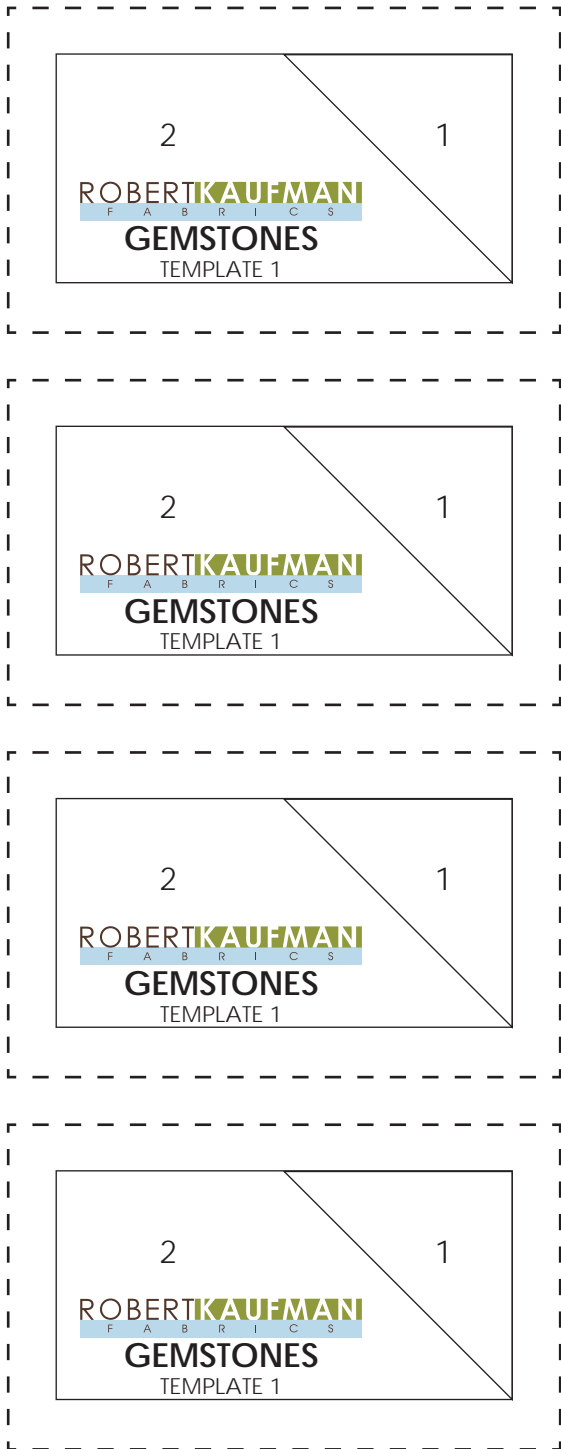
**Step 47:** Sew the rows together to form the quilt center. Press the row seams open.

Your quilt top is complete! Baste, quilt, bind and enjoy!



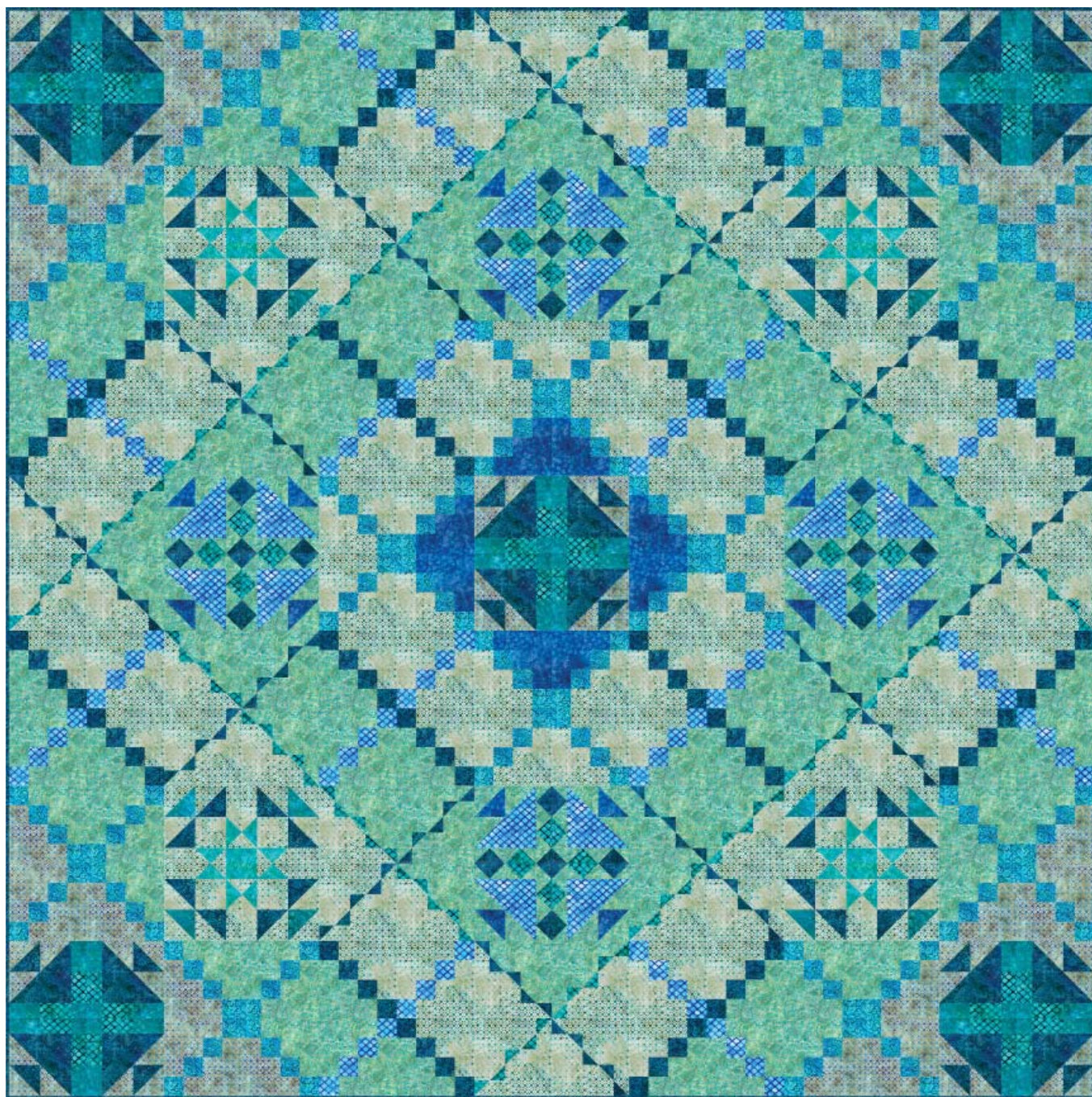
# Templates

Print twenty-four copies of page at 100% for a total of 192 of Template 1 and 24 of Template 2.



# GEMSTONES - SAPPHIRE

Designed by Robert Kaufman Fabrics    Featuring  
[www.robertkaufman.com](http://www.robertkaufman.com)



Finished quilt measures: 83-1/8" x 83-1/8"

**Pattern Level: Advanced Expert**




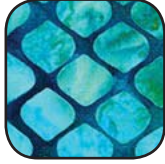






*"My skills are sharp, so I'm ready to  
take on the hard stuff."*

**ROBERTKAUFMAN**  
F A B R I C S

*For questions about this pattern, please email [Patterns@RobertKaufman.com](mailto:Patterns@RobertKaufman.com).*

## Fabric and Supplies Needed

*Fabric amounts based on yardage that is 43" wide.*

Color	Fabric	Name/SKU	Yardage	Color	Fabric	Name/SKU	Yardage
	A	AMD-16174-74 SAPPHIRE	4 yards		F	AMD-16178-51 JADE	1/3 yard
	B	AMD-16175-51 JADE	2-7/8 yards		G	AMD-16177-51 JADE	7/8 yard
	C	AMD-16176-51 JADE	1/4 yard		H	AMD-16177-74 SAPPHIRE	5/8 yard
	D	AMD-16176-213 TEAL	1 yard		I	AMD-16173-51 JADE	2/3 yard
	E	AMD-16173-213 TEAL	5/8 yard		J	AMD-16178-74 SAPPHIRE	1/2 yard
<p>Copyright 2017, Robert Kaufman For individual use only - Not for resale</p>				<p>You will also need: 7-3/4 yards for backing 3/4 yards for binding</p>			

### Notes Before You Begin

- Read through all of the instructions before beginning.
- All of the seam allowances are 1/4" unless otherwise noted.
- Press seam allowances open unless otherwise noted.
- Width of fabric (WOF) is equal to at least 43" wide.
- Right sides together has been abbreviated to RST.
- Remember to measure twice and cut once!

## Cutting Instructions

### **From Fabric A, cut:**

five 6-1/2" x WOF strips. Subcut:  
fifty 3-1/2" x 6-1/2" rectangles  
one 4" x WOF strip. Subcut:  
eight 4" squares  
seven 3-1/2" x WOF strips. Subcut:  
one hundred twelve 2-1/2" x 3-1/2" rectangles  
two 3-1/2" x WOF strips. Subcut:  
twenty-four 3-1/2" squares  
three 3-1/4" x WOF strips. Subcut:  
thirty 3-1/4" squares. Cut each square in half once along the diagonal.  
seven 2-7/8" x WOF strips. Subcut:  
eighty-eight 2-7/8" squares  
four 2-7/8" x WOF strips. Subcut:  
twenty-eight 2-7/8" x 5-1/4" rectangles  
two 2-1/2" x WOF strips. Subcut:  
twenty-eight 2-1/2" squares  
five 2" x WOF strips. Subcut:  
fifty 2" x 3-1/2" rectangles  
fourteen 2" squares  
five 2" x WOF strips. Set aside for strip piecing.

### **From Fabric B, cut:**

four 6-1/2" x WOF strips. Subcut:  
thirty-eight 3-1/2" x 6-1/2" rectangles  
five 3-1/2" x WOF strips. Subcut:  
eighty 2-1/2" x 3-1/2" rectangles  
two 3-1/4" x WOF strips. Subcut:  
twenty-four 3-1/4" squares. Cut each square in half once along the diagonal.  
three 2-7/8" x WOF strips. Subcut:  
forty 2-7/8" squares  
two 2-7/8" x WOF strips. Subcut:  
twenty 2-7/8" x 5-1/4" rectangles  
two 2-1/2" x WOF strips. Subcut:  
twenty 2-1/2" squares  
four 2" x WOF strips. Subcut:  
thirty-eight 2" x 3-1/2" rectangles  
six 2" squares  
four 2-1/8" x WOF strips. Subcut:  
seventy-two 2-1/8" squares. Cut each square in half once along the diagonal.  
four 2" x WOF strips. Set aside for strip piecing.

### **From Fabric C, cut:**

one 4" x WOF strip. Subcut:  
eight 4" squares  
one 2-7/8" x WOF strips. Subcut:  
four 2-7/8" squares

**From Fabric D, cut:**

two 5-5/8" x WOF strips. Subcut:

ten 5-5/8" squares. Cut each square in half once along the diagonal.

eight 2-1/2" x WOF strips. Subcut:

one hundred-twenty 2-1/2" squares

one 2-1/8" x WOF strip. Subcut:

twenty 2-1/8" squares

**From Fabric E, cut:**

two 3-1/2" x WOF strips. Subcut:

sixteen 3-1/2" squares

one 3-1/4" x WOF strip. Subcut:

ten 3-1/4" squares. Cut each square in half once along the diagonal.

three 2" x WOF strips. Set aside for strip piecing.

two 2" x WOF strips. Subcut:

thirty-one 2" squares

**From Fabric F, cut:**

one 3-1/2" x WOF strip. Subcut:

eight 3-1/2" squares for the HSTs

two 2-7/8" x WOF strips. Subcut:

twenty-five 2-7/8" squares

**From Fabric G, cut:**

two 2-7/8" x WOF strips. Subcut:

twenty 2-7/8" squares

eight 2-1/2" x WOF strips. Subcut:

one hundred-twenty 2-1/2" squares

one 2-1/8" x WOF strip. Subcut:

sixteen 2-1/8" squares

**From Fabric H, cut:**

two 5-5/8" x WOF strips. Subcut:

eight 5-5/8" squares. Cut each square in half once along the diagonal.

Cut the remainder of the second strip into two 2" x WOF strips. Subcut:

thirty-one 2" squares

three 2" x WOF strips. Set aside for strip piecing.

**From Fabric I, cut:**

one 3-1/2" x WOF strip. Subcut:

twelve 3-1/2" squares

three 2" x WOF strips. Subcut:

sixty-four 2" squares\*

\*cut the 64th square from scraps

five 2" x WOF strips. Set aside for strip piecing.

**From Fabric J, cut:**

one 2" x WOF strip. Subcut:

four 2" x 3-1/2" rectangles

eight 2" squares

one 3-1/2" x WOF strip. Subcut:

four 3-1/2" x 6-1/2" rectangles

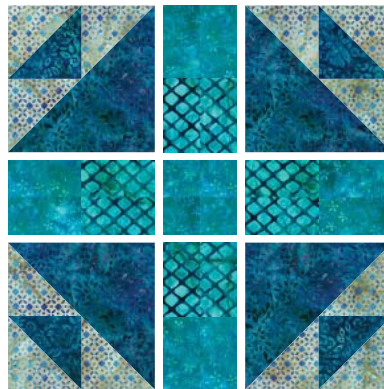
one 3-1/4" x WOF strips. Subcut:

eight 3-1/4" squares. Cut each square in half once along the diagonal.

**From the Binding Fabric, cut:**

nine 2-1/2" x WOF strips

Assemble the A Blocks



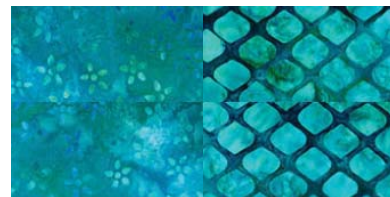
**Step 1:** Sew one 3-1/4" Fabric A and Fabric E triangle together along the longest edge, forming a half-square triangle. Press toward the darker fabric. Repeat to make twenty HSTs.

**Step 2:** Sew a 3-1/4" Fabric A triangle to the remaining two edges of the Fabric E triangle. Align the right angle of the triangle to the corner of the HST. The points of the triangles will extend beyond the HST. Press toward the Fabric A triangles. Repeat to make twenty.



**Step 3:** Sew a 5-5/8" Fabric D triangle to the longest edge of a completed Step 2 unit. Press toward the Fabric D triangle. Repeat to make twenty.

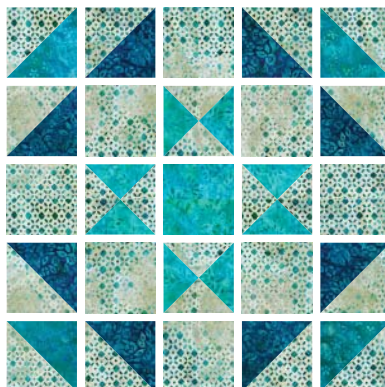
**Step 4:** Sew one 2-7/8" Fabric F and Fabric G square together. Press toward the darker fabric. Repeat to make twenty.



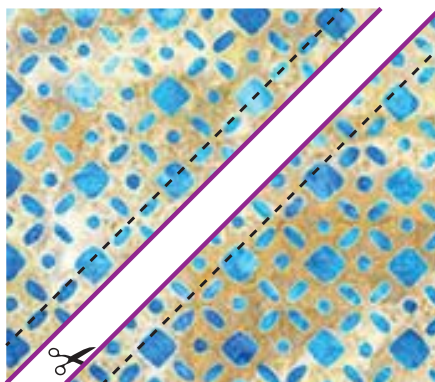
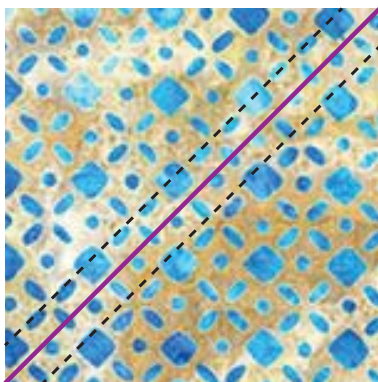
**Step 5:** Gather four completed Step 3 units, four Step 4 units and one 2-7/8" Fabric F square. Arrange to form three rows of three. Sew the units together to form rows, pressing the seams toward the Step 4 units. Sew the rows together, pressing the seams to one side. Repeat to make five 12-3/8" square A Blocks.



### Assemble the B Blocks



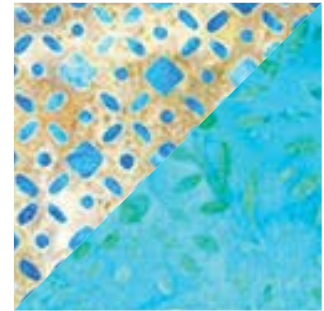
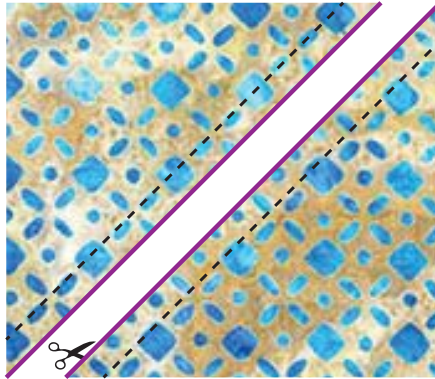
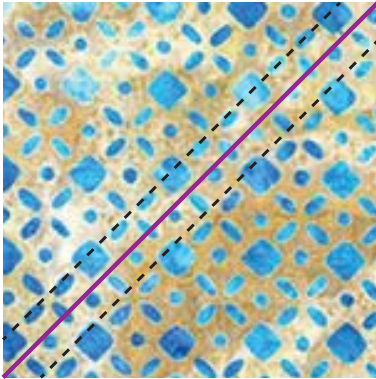
**Step 6:** Pair a 3-1/2" Fabric A square with a 3-1/2" Fabric F square, RST. Mark a diagonal line on the wrong side of one square. Sew 1/4" away from both sides of the marked line. Cut on the marked line, creating two half-square triangles (HSTs). Press toward the darker fabric. Trim to 2-7/8" square. Repeat to make sixteen A/F HSTs.



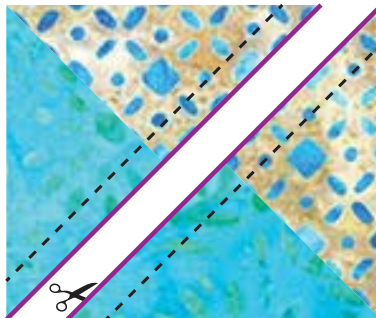
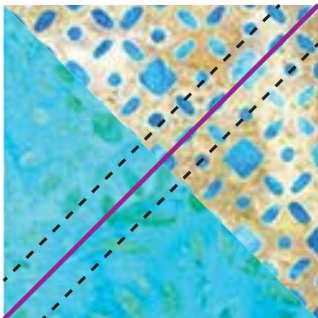
**Step 7:** Repeat Step 6 using 3-1/2" Fabric A and Fabric E squares (sixteen each) to make thirty-two A/E HSTs.



**Step 8:** Pair a 4" Fabric A square with a 4" Fabric C square, RST. Mark a diagonal line on the wrong side of one square. Sew 1/4" away from both sides of the marked line. Cut on the marked line, creating two half-square triangles (HSTs). Press toward the darker fabric.



**Step 9:** Pair two Step 8 HSTs, RST, matching opposite fabrics together. Mark a diagonal line perpendicular to the seam line on the wrong side of one square. Sew 1/4" away from both sides of the marked line. Cut on the marked line, creating two quarter-square triangles (QSTs). Press toward the seam open or to one side. Trim to 2-7/8" square. Repeat Steps 8 and 9 to make sixteen QSTs.

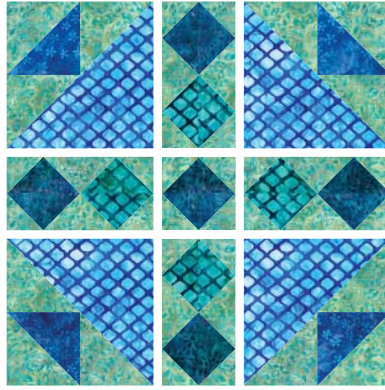


**Step 10:** Gather four completed Step 6 units, eight Step 7 units, four Step 9 units, eight 2-7/8" Fabric A squares and one 2-7/8" Fabric C square. Arrange to form five rows of five. Sew the units together to form rows, pressing the seams in opposite directions every other row. Sew the rows together, pressing the seams to one side. Repeat to make four 12-3/8" square B Blocks.



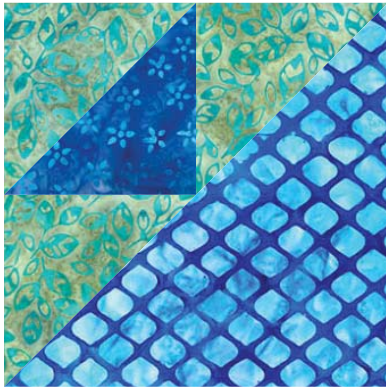


## Assemble the C Blocks



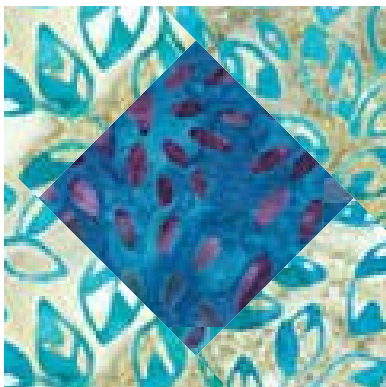
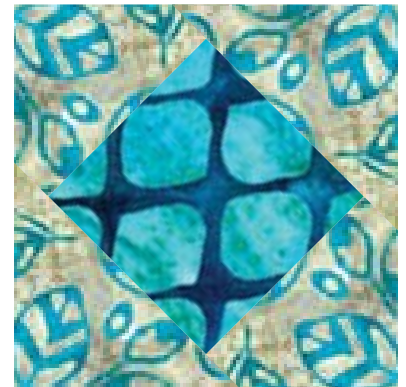
**Step 11:** Sew one 3-1/4" Fabric B and Fabric J triangle together along the longest edge, forming a half-square triangle. Press toward the darker fabric. Repeat to make sixteen B/J HSTs.

**Step 12:** Sew a 3-1/4" Fabric B triangle to the remaining two edges of the Fabric J triangle. Align the right angle of the triangle to the corner of the HST. The points of the triangles will extend beyond the HST. Press toward the Fabric B triangles. Repeat to make sixteen.



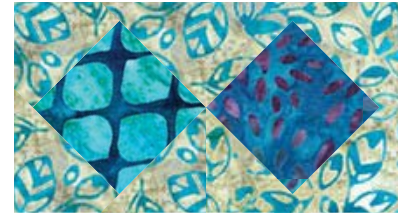
**Step 13:** Sew a 5-5/8" Fabric H triangle to the longest edge of a completed Step 12 unit. Press toward the Fabric H triangle. Repeat to make sixteen.

**Step 14:** Sew a 2-1/8" Fabric B triangle to opposite sides of a 2-1/8" Fabric G square. Press seam allowances toward the triangles. Repeat on remaining sides of the Fabric G square. Trim the square-in-a-square (SIAS) block to 2-7/8" square. Repeat to make sixteen B/G SIAS units.



**Step 15:** Repeat Step 14 to make twenty 2-7/8" Fabric B/D SIAS units.

**Step 16:** Sew one Fabric D and Fabric G SIAS unit together. Press the seam open. Repeat to make sixteen. There will be four single Fabric D SIAS units remaining.



**Step 17:** Gather four completed Step 13 units, four Step 16 units and one Fabric D SIAS unit. Arrange to form three rows of three. Sew the units together to form rows, pressing the seams toward the Step 16 units. Sew the rows together, pressing the seams to one side. Repeat to make four 12-3/8" square C Blocks.



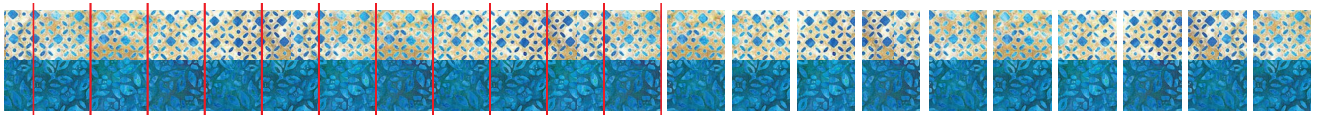
### Prepare the 4-Patch Strip Sets

**Step 18:** Sew one Fabric A and Fabric I 2" x WOF strip together. Press toward the darker fabric. Repeat to make a total of three A/I strip sets.

Repeat to make:

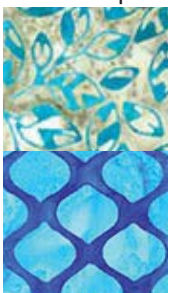
- two B/I strip sets
- one B/H strip set
- one A/H strip set
- one B/E strip set
- one H/E strip set
- one A/E strip set

**Step 19:** Subcut each strip set in to 2" x 3-1/2" units. You will need a total of:

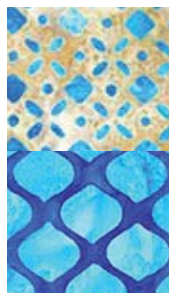


- fifty-six A/I units
- thirty-two B/I units
- twenty-one each of B/H, A/H, B/E, H/E, A/E

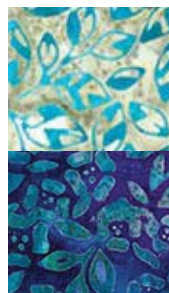
**Step 20:** Sew 2" squares together in the following combinations to form 2" x 3-1/2" units, for use in Step 21.



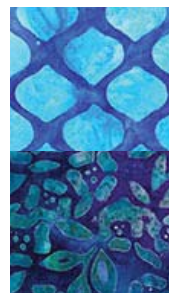
three B/H pairs



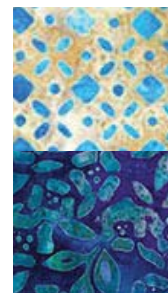
three A/H pairs



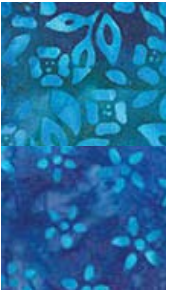
three B/E pairs



three H/E pairs

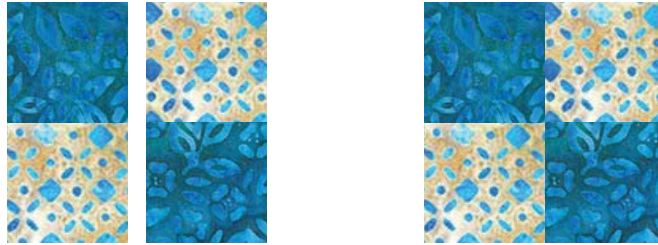


three A/E pairs



eight I/J pairs

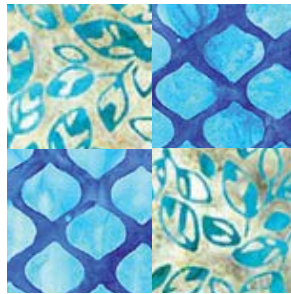
**Step 21:** Sew two A/I units together, matching opposite fabrics RST, to form a 3-1/2" four-patch. Repeat to make sixteen A/I four-patch units.



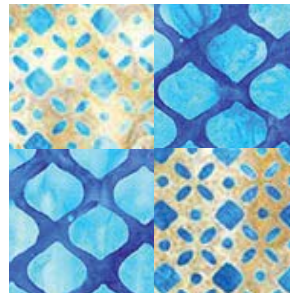
Repeat to make:



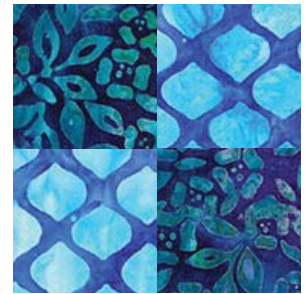
eight  
B/I four-patches



ten  
B/H four-patches



ten  
A/H four-patches



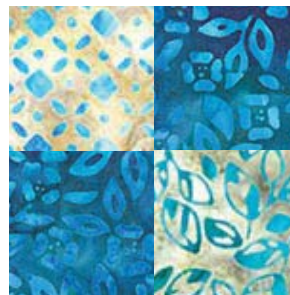
twelve  
H/E four-patches



two  
B/E four-patches



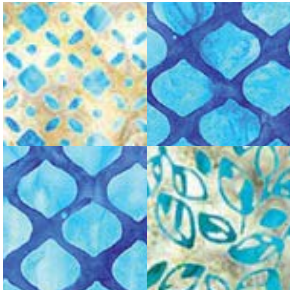
two  
A/E four-patches



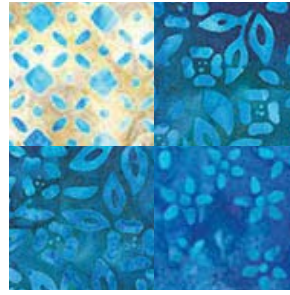
sixteen  
four-patches,  
each using one  
A/I and one B/I  
unit



twenty  
four-patches,  
each using one  
B/E and one A/E  
unit



four  
four-patches, each using one A/H and  
one B/H unit



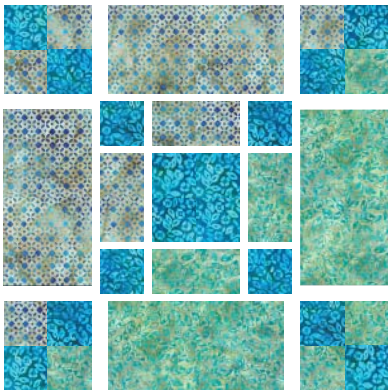
eight  
four-patches, each using one A/I and  
one I/J unit

These units will be used in the construction of Blocks D, E, F and G.

## Assemble the Irish Chain Blocks

Note: There are four different fabric combinations for the Irish Chain blocks, each using the same construction steps. Refer to the Block Assembly Diagrams for fabric placement in the second and third styles, following the steps illustrated here.

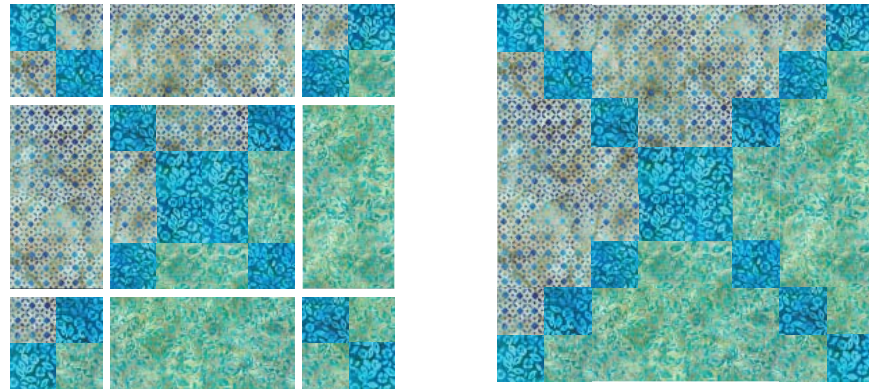
## Assemble the D Block



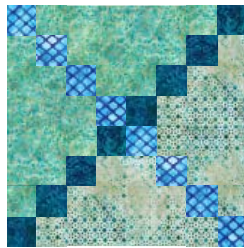
**Step 26:** Gather one A/I, two A/I/B/I and one B/I four-patch unit, two 3-1/2" x 6-1/2" Fabric A rectangles, two 3-1/2" x 6-1/2" Fabric B rectangles, four 2" Fabric I squares, two 2" x 3-1/2" Fabric A rectangles, two 2" x 3-1/2" Fabric B rectangles and one 3-1/2" Fabric I square. Arrange as shown here.

**Step 27:** Sew a 2" x 3-1/2" Fabric A rectangle to the left and a 2" x 3-1/2" Fabric B rectangle to the right edges of a 3-1/2" Fabric I square. Press toward the darker fabric. Sew a 2" Fabric I square to opposite edges of each of the remaining 2" x 3-1/2" rectangles. Press toward the squares. Repeat to make two like this and sew to the top and bottom of the center unit, noting the fabric placement in the diagram.

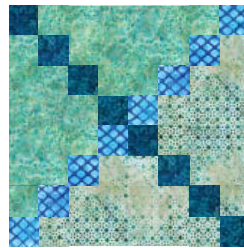
**Step 28:** Arrange the units in three rows of three, as shown below. Sew the units together to form rows, pressing the seams toward the 3-1/2" x 6-1/2" rectangles. Sew the rows together, pressing the seams to one side. Repeat and trim to make eight 12-3/8" square E Blocks.



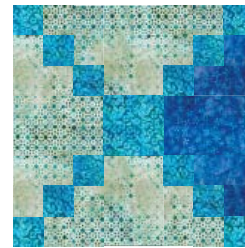
Repeat Steps 26-28 to make:



eight E Blocks



two F Blocks



four G Blocks

### Prepare Paper Piecing for the H and I Blocks

These blocks are constructed using paper piecing for portions of the block. Sew the pieces in the order indicated on the templates. Trim seam allowances to 1/4" as each new piece is added.

Note:

Template 1, Section 1 uses a 2-1/2" square

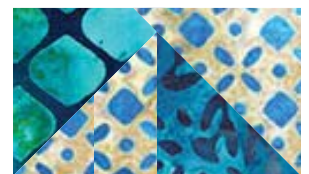
Template 1, Section 2 uses a 2-1/2" x 3-1/2" rectangle

Template 2 uses a 2-1/2" square for each section.

**Step 29:** Paper piece one Template 2 unit, placing Fabric B in section 1, Fabric D in section 2, Fabric B in section 3 and Fabric G in section 4. Trim to the dotted line of the template. Repeat to make eight.



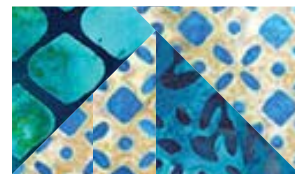
**Step 30:** Paper piece one Template 2 unit, placing Fabric A in section 1, Fabric D in section 2, Fabric A in section 3 and Fabric G in section 4. Trim to the dotted line of the template. Repeat to make eight.



**Step 31:** Paper piece one Template 2 unit, placing Fabric A in section 1, Fabric D in section 2, Fabric B in section 3 and Fabric G in section 4. Trim to the dotted line of the template. Repeat to make two.



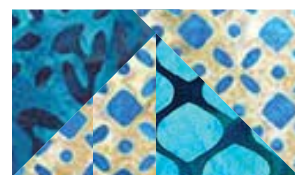
**Step 32:** Paper piece one Template 2 unit, placing Fabric A in section 1, Fabric D in section 2, Fabric A in section 3 and Fabric G in section 4. Trim to the dotted line of the template. Repeat to make two.



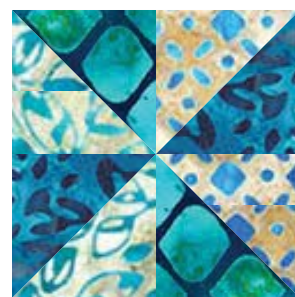
**Step 33:** Paper piece one Template 2 unit, placing Fabric A in section 1, Fabric G in section 2, Fabric B in section 3 and Fabric D in section 4. Trim to the dotted line of the template. Repeat to make two.



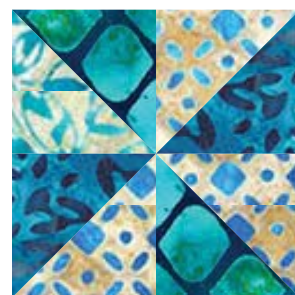
**Step 34:** Paper piece one Template 2 unit, placing Fabric A in section 1, Fabric G in section 2, Fabric A in section 3 and Fabric D in section 4. Trim to the dotted line of the template. Repeat to make two.



**Step 35:** Sew one completed Step 29 unit to one completed Step 30 unit. Press the seam open. Repeat to make eight. Set aside for the H Blocks.



**Step 36:** Sew one completed Step 31 unit to one completed Step 32 unit. Press the seam open. Repeat to make two. Set aside for the I Blocks.



**Step 37:** Sew one completed Step 33 unit to one completed Step 34 unit. Press the seam open. Repeat to make two. Set aside for the J Blocks.



**Step 38:** Paper piece one Template 1 unit, placing Fabric D in section 1 and Fabric B in section 2. Trim to the dotted line of the template. Repeat to make forty.



**Step 39:** Paper piece one Template 1 unit, placing Fabric D in section 1 and Fabric A in section 2. Trim to the dotted line of the template. Repeat to make fifty-six.



**Step 40:** Paper piece one Template 1 unit, placing Fabric G in section 1 and Fabric A in section 2. Trim to the dotted line of the template. Repeat to make fifty-six.



**Step 41:** Paper piece one Template 1 unit, placing Fabric G in section 1 and Fabric B in section 2. Trim to the dotted line of the template. Repeat to make forty.



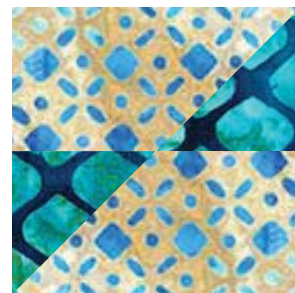
**Step 42:** Sew one completed Step 38 and 39 unit to one completed Step 35 unit. Press the seam open. Repeat to make eight.



**Step 43:** Sew two completed Step 39 units together. Press the seam open. Repeat to make twenty-four.



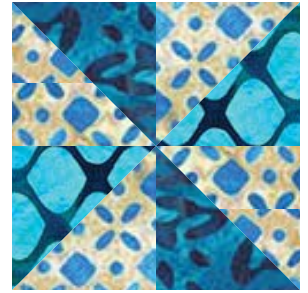
**Step 44:** Sew two completed Step 40 units together. Press the seam open. Repeat to make eight.



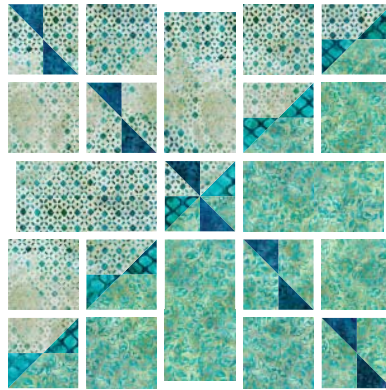
**Step 45:** Sew one completed Step 40 unit to one completed Step 41 unit. Press the seam open. Repeat to make forty.



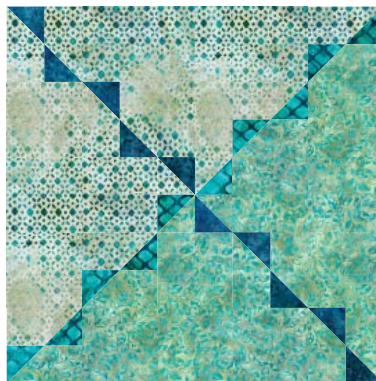
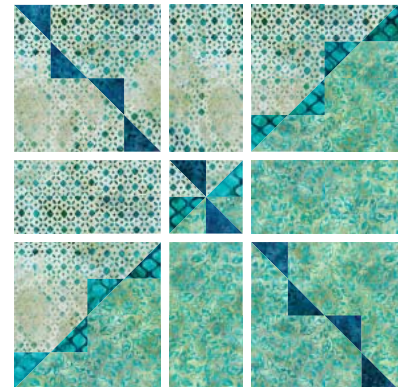
**Step 46:** Sew two completed Step 34 units together. Press the seam open. Repeat to make sixteen. Set aside for the I Blocks.



## Assemble the H Blocks

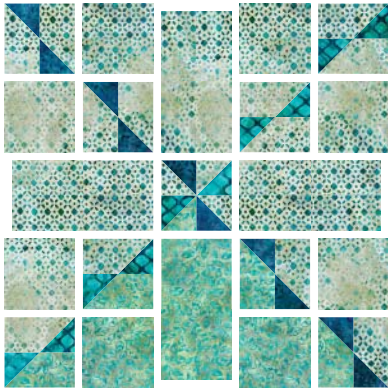


**Step 47:** Gather the block units shown here. Arrange following the block assembly diagram, noting the fabric placement and block orientation. Sew the units together to form four patch units, each comprised of two assembled Template 1 units and two 2-7/8" squares. Then sew together as three rows of three, using the four 2-7/8" x 5-1/4" rectangles and the assembled Template 2 center to complete the block. Press the seams in opposite directions every other row. Sew the rows together, pressing the seams to one side. Repeat to make eight 12-3/8" H Blocks.

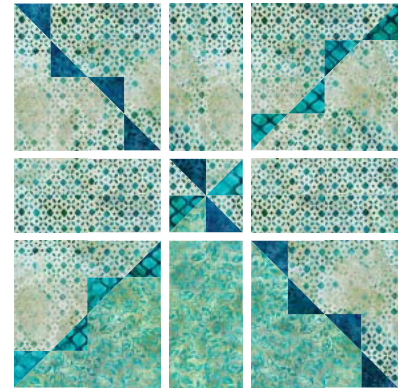




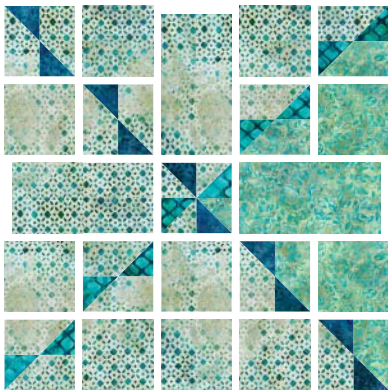
## Assemble the I Blocks



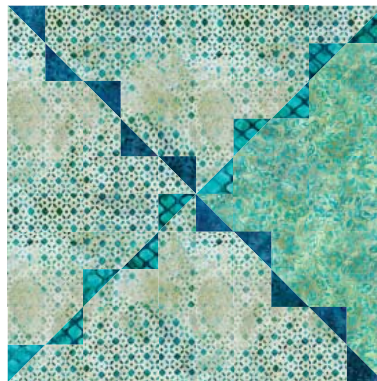
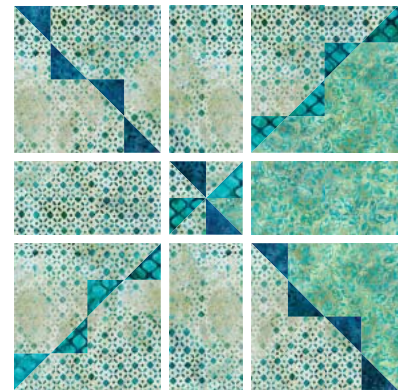
**Step 48:** Repeat the assembly process from Step 48 to make four 12-3/8" I Blocks, noting the fabric placement and unit orientation in the diagram.



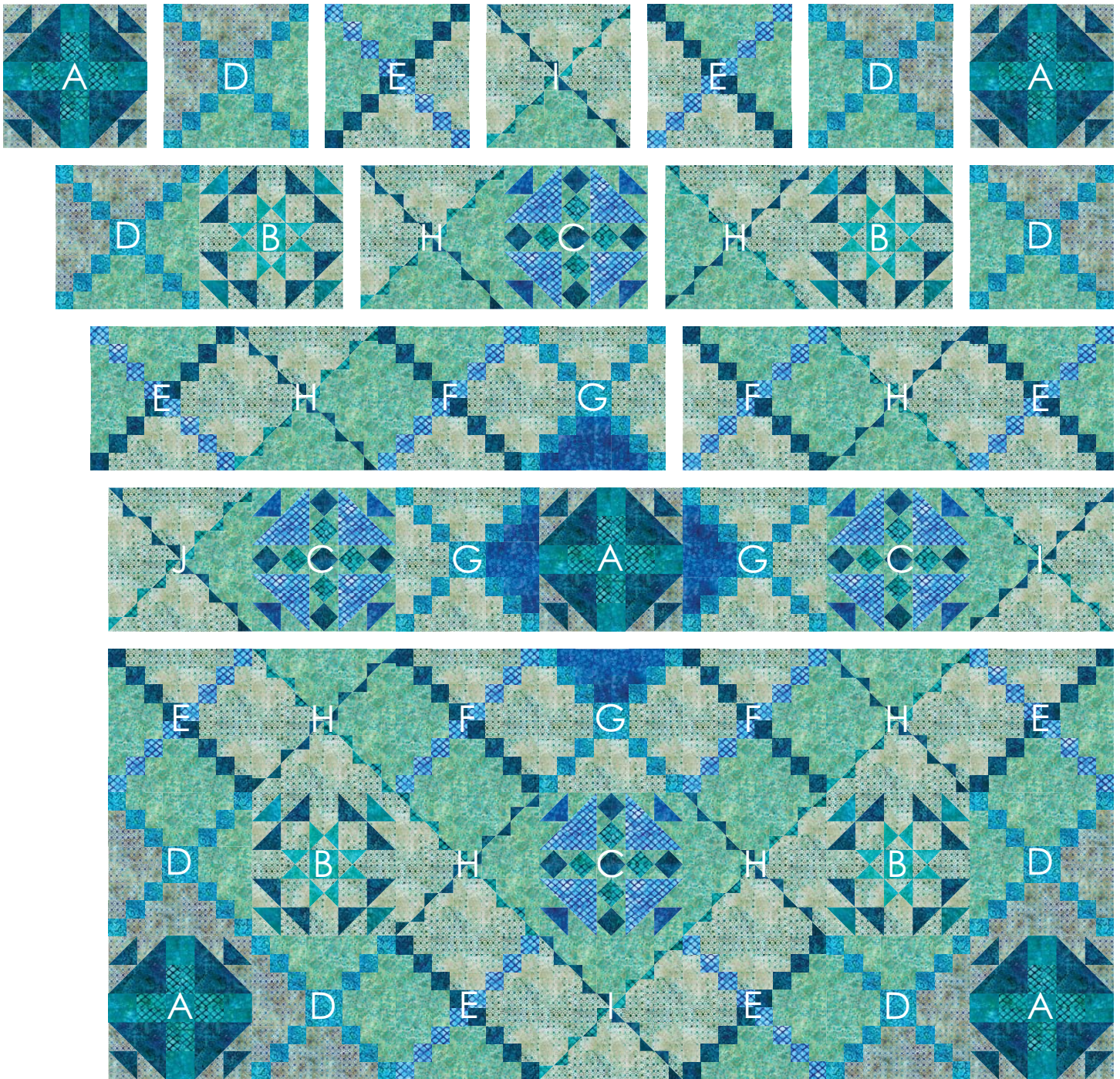
## Assemble the J Blocks



**Step 49:** Repeat the assembly process from Step 47 to make four 12-3/8" J Blocks, noting the fabric placement and unit orientation in the diagram.



## Assemble the Quilt



**Step 50:** Arrange the blocks into seven rows of seven blocks. Note the fabric placement and block orientation in the Quilt Assembly Diagram.

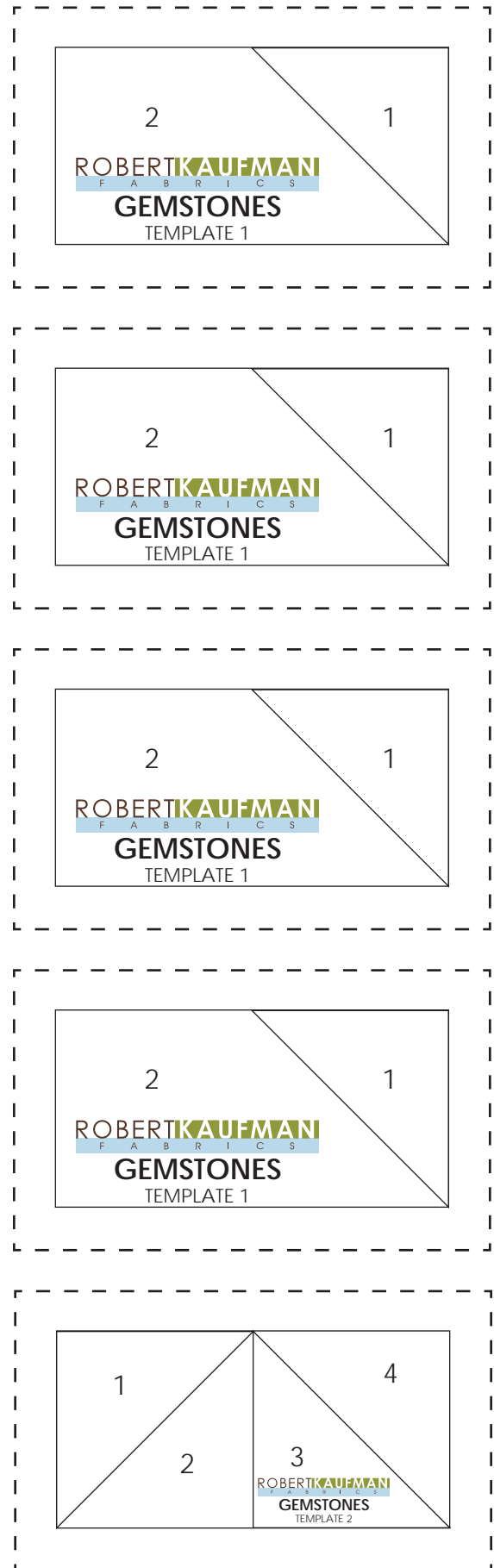
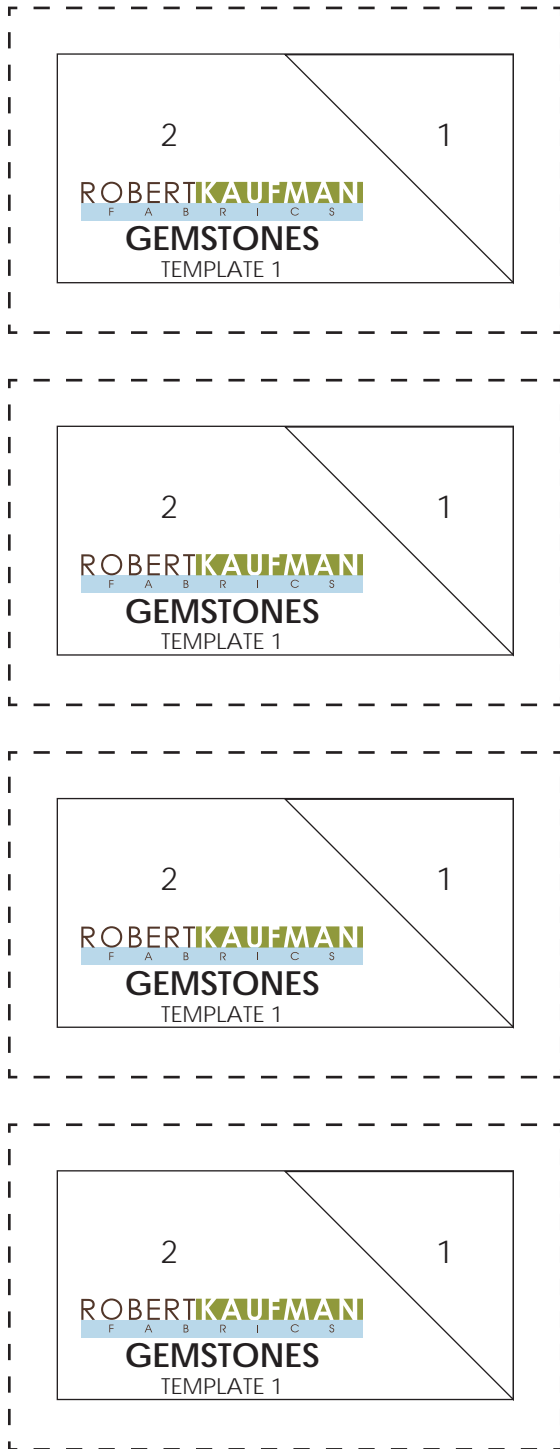
**Step 51:** Sew the blocks together to form rows. Press the rows to the left in the odd numbered rows and to the right in the even numbered rows.

**Step 52:** Sew the rows together to form the quilt center. Press the row seams open.

Your quilt top is complete! Baste, quilt, bind and enjoy!

# Templates

Print twenty-four copies of page at 100% for a total of 192 of Template 1 and 24 of Template 2.



1" box for scale