

# Cosmos



*a Little Crispy*  
SEWING PATTERNS



#140



# Cutting

All measurements include  $\frac{1}{4}$ " seam allowances.

Fabric quantities are given on the back cover of this pattern.

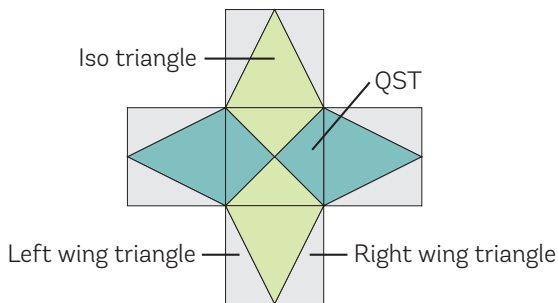
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Download a free coloring sheet at <http://bit.ly/2V4xY7D>.

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There are three types of triangles that you need to cut out for this quilt, as shown in one "star" below:

- Isosceles (Iso) triangle
- Quarter square triangle (QST)
- Wing triangles (Left and Right; these are mirror images)



I recommend cutting out your Iso and Wing triangle pieces with **Tri-Recs** rulers (a two ruler set that consists of a **Tri Tool** and a **Recs Tool**), and cutting out your QST pieces with a **Companion Angle** ruler.

If you prefer to not use these rulers, there are templates at the end of this pattern. Follow the instructions below to prepare the templates. You can also use a die cutting machine as these shapes are standard to many systems.

## Templates

Cut out the templates or trace them onto template plastic. If you use a paper template, reinforce it by gluing it to lightweight cardstock, like a cereal box.

You can download and print an extra copy of the templates from <http://bit.ly/2TT66ww>.

## Fabrics

There are two groups of fabric in this quilt: A (Stars) and B (Background). Within either group you can mix and match scraps of a similar value or color.

WOF = Width of fabric.

## Cutting A (Stars)

In the cover quilt, there are two A fabrics in each star. Each fabric has two Iso triangles and two matching QSTs within a star, but you can color the stars any way you like.

For each star, you need 4 Iso triangles and 4 QSTs, cut from strips **or** squares, as described in upcoming sections.

The stars around the edge of the quilt are not "complete". You'll use the extra pieces from these partial stars to fill in around the edge of the quilt. If you cut 4 Iso triangles per star, you will have 4 Iso triangle units left over at the end. Use these extras to gain flexibility when laying out your quilt.

Refer to the table below for the total number of stars, Iso triangles, and QSTs in the quilt.

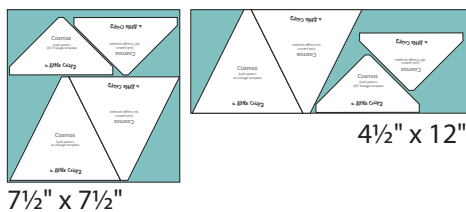
	Stars	Iso triangles	QSTs
Crib	25	96 (cut 100)	100
Throw	52	204 (cut 208)	208
Twin	82	332 (cut 336)	328
Queen	105	424 (cut 428)	420

## Cut Iso triangles from strips

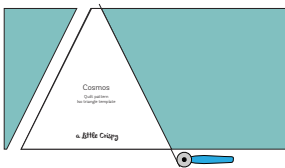
- 1 Cut a 4½" strip from your fabric. Refer to the table below to see how many Iso triangles you can get from various strip lengths.

Strip length	Iso triangles
4½" x 7½"	2
4½" x 12¾"	4
4½" x 18"	6
4½" x WOF	14

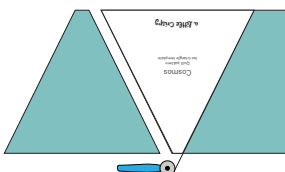
If you want to cut two Iso triangles and two QST triangles from one piece of fabric, you'll need a piece that is at least 4½" x 12" or 7½" x 7½" square.



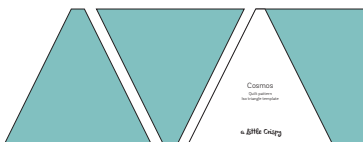
- 2 Line up the *Tri Tool* ruler's 4½" line or the Iso triangle template with the bottom of the strip as illustrated below. You can cut through two layers at once. Cut around the ruler/template.



- 3 Rotate the ruler/template around and cut the next Iso triangle.



- 4 Continue to turn the ruler/template and cut pieces along the length of the strip.

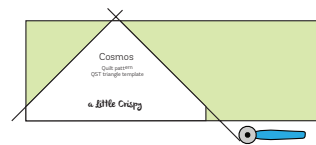


## Cut QSTs from strips

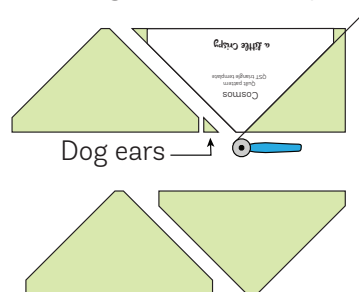
- 1 Cut a 2½" strip from your fabric. Refer to the table below to see how many Iso triangles you can get from various strip lengths.

Strip length	QSTs
2½" x 7½"	2
2½" x 12¾"	4
2½" x 18"	6
2½" x WOF	14

- 2 Line up the *Companion Angle* ruler's 2½" line or the QST template with the strip as illustrated below. You can cut through two layers at once. Cut around the ruler/template. With the template, you'll cut off the "dog ears" (lower triangle tips) before sewing (see illustration in step 3).

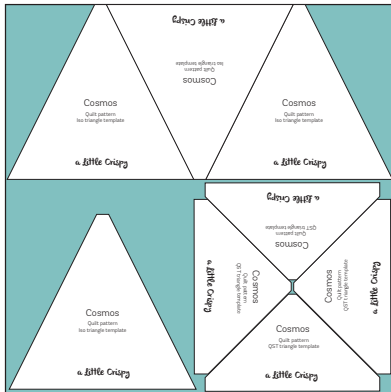


- 3 Rotate the ruler/template around to the other side of the strip and cut the next triangle. Continue to cut triangles in the same way along the length of the strip.

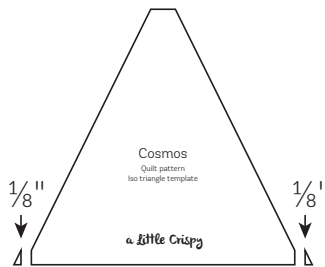


## Cut Iso triangles and QSTs from 10" squares

Use the illustration below to cut Iso and Quarter square triangles from a pre-cut 10" square.



If your pre-cut square is slightly smaller than 10", or if the pinked edge doesn't extend to 10", you can trim off up to 1/8" from the bottom edge points of the Iso triangle template to get it to fit onto your 10" square.



### B (Background)

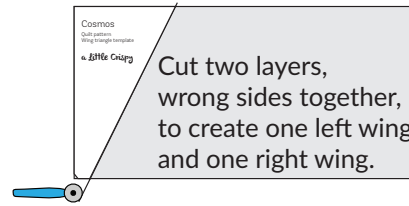
Cut the number of 4½" x WOF strips in parentheses below. Subcut into Left/Right Wing triangle **pairs** as described in the next section:

- Crib: (8 strips) 100 pairs
- Throw: (16 strips) 208 pairs
- Twin: (26 strips) 336 pairs
- Queen: (33 strips) 428 pairs

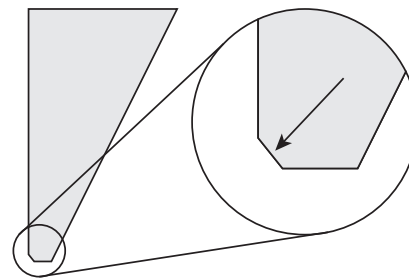
### Cut Left and Right Wing triangles from strips

- 1 If your 4½" x WOF strip is not already doubled, fold it in half (wrong sides together), matching the short ends.

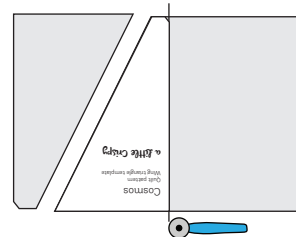
- 2 Line up the *Recs Tool* ruler's 4½" line or the Iso triangle template with the top of the strip as illustrated below. Cut around the ruler/template through both layers of the strip.



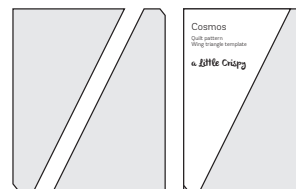
Make sure to cut the tiny notch in the corner.



- 3 Rotate the ruler/template around and cut the next Wing triangle.



- 4 Continue to turn the ruler/template and cut pieces along the length of the strip.



## Sewing your blocks

The construction of this quilt is a little bit different. Because the stars overlap, you'll sew all of the block components first, then lay out your entire quilt, and then sew all the components together.

There are two components, X and Y. Refer to the table below for how many of each are in the quilt. Recall that you'll sew 4 extra Y components for layout flexibility.

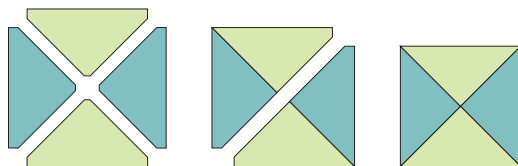
	X	Y
Crib	25	96 (sew 100)
Throw	52	204 (sew 208)
Twin	82	332 (sew 336)
Queen	105	424 (sew 428)

## Sew X components

X components are 4½" x 4½" unfinished.

- 1 Lay out four QSTs into a square as illustrated below left. Sew the triangles together into pairs and press (below center).

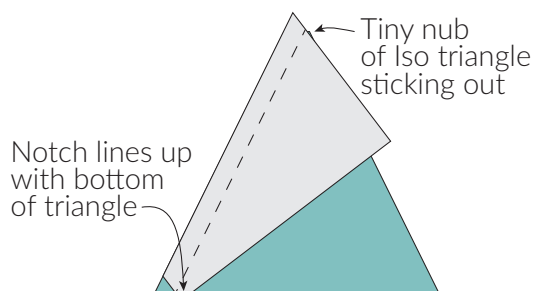
Then, sew the two pairs together and press (below right). If needed, trim off the dog ears in the corners. Repeat for the remaining X components.



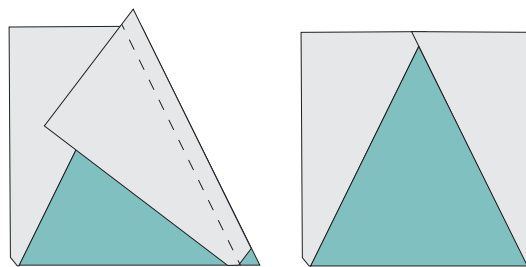
## Sew Y components

Y components are 4½" x 4½" unfinished.

- 1 Line up one Left wing piece with an Iso triangle, right sides together, as shown below. Note carefully in the illustration how the Left wing piece is aligned with the Iso triangle. Stitch and press.



- 2 Add the Right wing piece in the same way and press. Repeat steps 1 and 2 for the remaining Y components.



## Assembling your quilt top

Lay out all of your X and Y components on a design wall or on your batting following the Layout diagrams on page 6 or 7.

Some stars around the edge of the quilt are not "complete", but you'll use the extra pieces from these partial stars to fill in the lone triangles around the edge.

Sew your quilt top together into rows, press to the side or open, then sew the rows together. Press to the side or open.

## Quilting & finishing

When you are done the quilt top, press it well from both sides.

Layer your well-pressed quilt top with your batting and backing and baste your quilt.

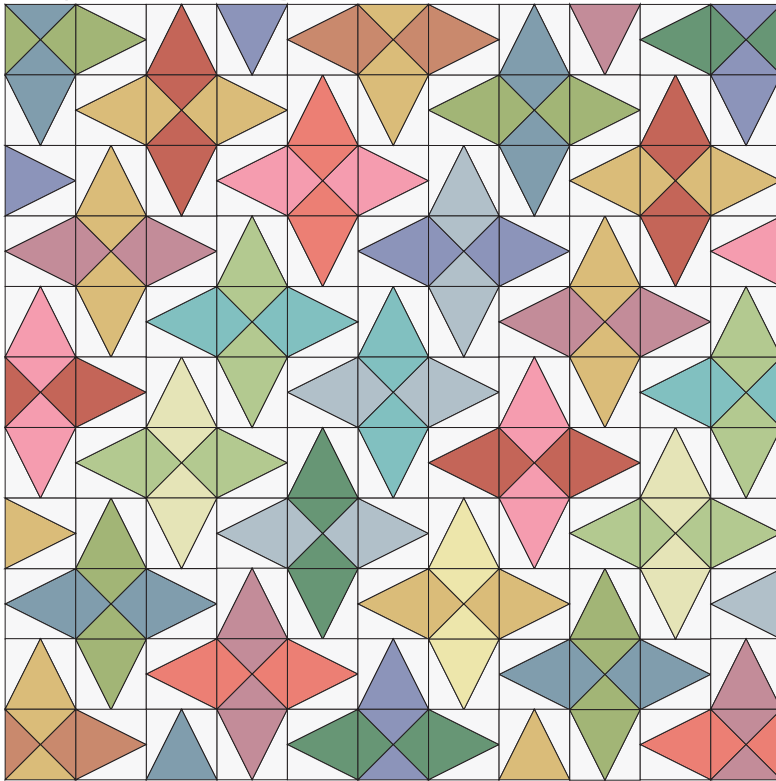
Quilt as desired and square off so the edges are nice and straight.

Cut your 2½" x WOF binding strips: (5) Crib, (7) Throw, (9) Twin, or (10) Queen. Piece them together and bind the quilt.

Wash and enjoy!

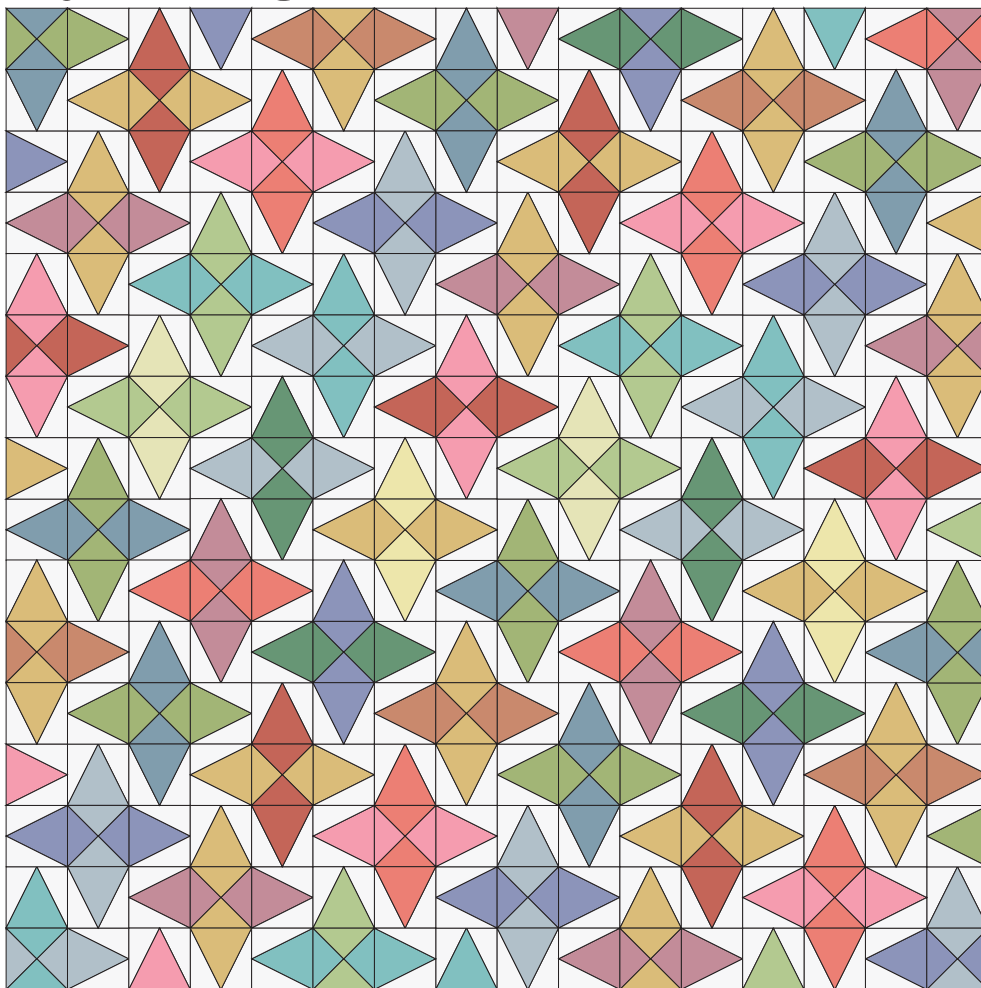
## Layout diagram: Crib

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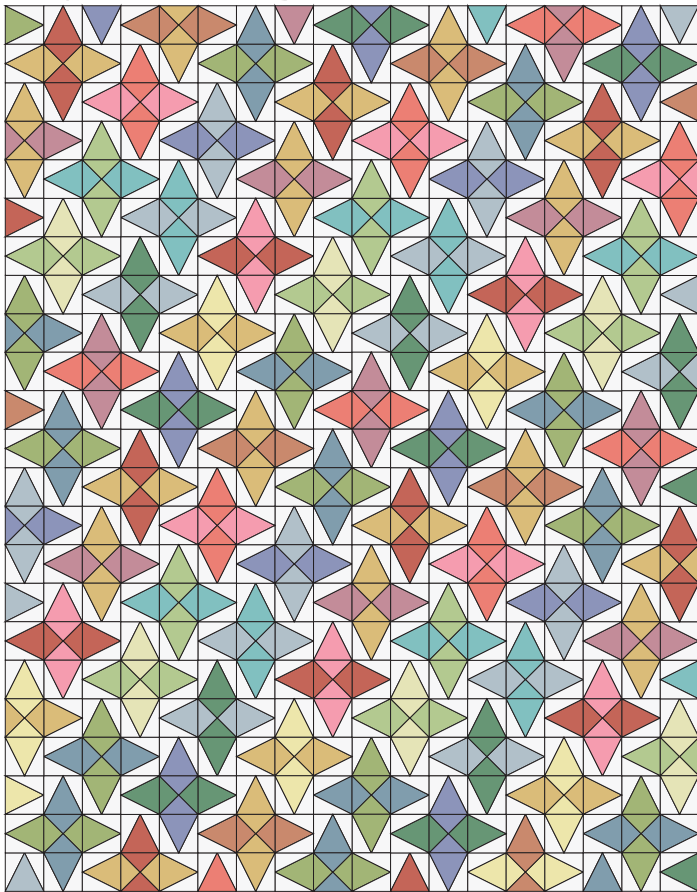
## Layout diagram: Throw

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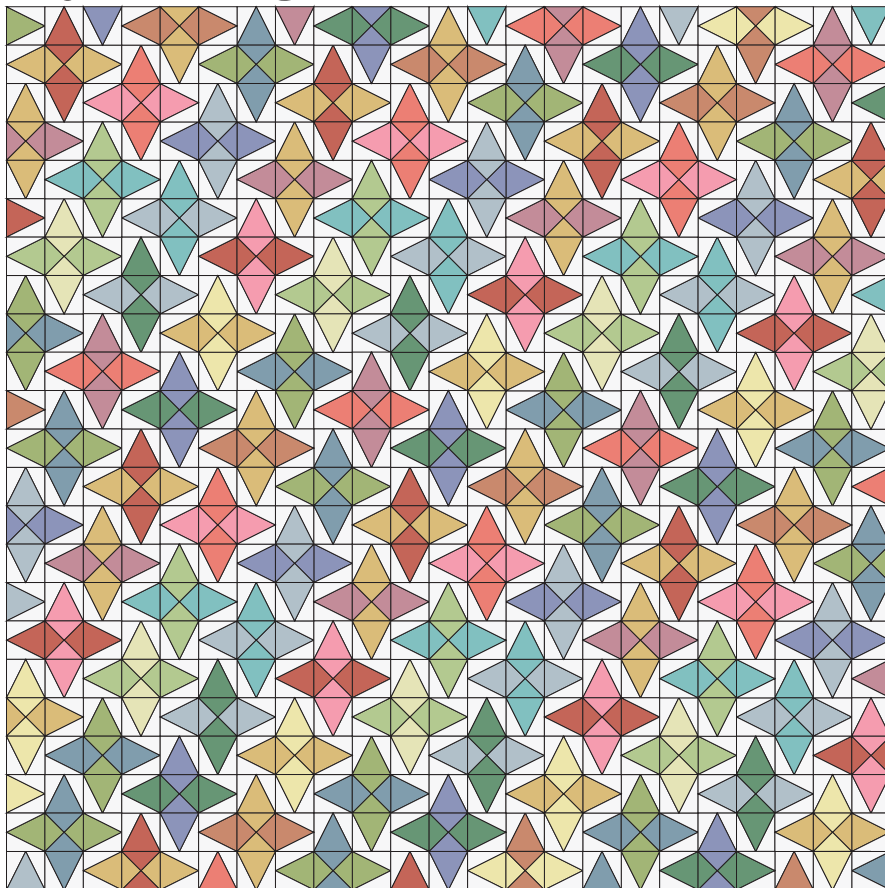
## Layout diagram: Twin

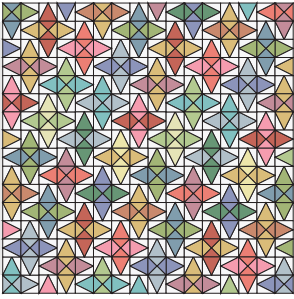
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## Layout diagram: Queen

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# Cosmos

Cover quilt is approximately 64" x 64".

Quilt designed, pieced, and quilted by Kristin Lawson.

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This quilt is perfect for using up a ton of scraps! Fat quarter, Fat eighth, and 10" pre-cut square friendly. This quilt looks complex, but has only very easy piecing.

Check out my latest patterns and other info at [alittlecrispy.com](http://alittlecrispy.com), or follow what I'm up to on Instagram [@CrispyKristin](https://www.instagram.com/CrispyKristin). For questions or comments, please contact me at [kristin@alittlecrispy.com](mailto:kristin@alittlecrispy.com).

## Cutting

For the triangles in this quilt, you might find *Tri-Recs* and *Companion Angle* rulers helpful. Templates are included inside if you don't have these rulers. Alternatively, you can use a die cutter with 4½" triangle in a square and 4½" quarter square triangle dies.

## Fabric

You will need a variety of 100% cotton quilting fabrics, 42" wide, as listed in the table below. Choose a solid or a non-busy print for your Background so that it contrasts well with the Accent fabrics.

	Crib/Toddler	Throw	Twin	Queen
Size	44" x 44"	64" x 64"	72" x 92"	92" x 92"
Stars	25	52	82	105
A: Accent: Scraps*	(8) 4½" strips and (8) 2½" strips or (26) 10" squares (About 2 yards total)	(15) 4½" strips and (15) 2½" strips or (53) 10" squares (About 4 yards total)	(24) 4½" strips and (24) 2½" strips or (83) 10" squares (About 6 yards total)	(31) 4½" strips and (30) 2½" strips or (106) 10" squares (About 7½ yards total)
B: Background	1½ yards	2½ yards	3¾ yards	4¾ yards
Binding**	½ yard	⅝ yard	¾ yard	⅞ yard
Backing	3 yards	4 yards	5⅝ yards	8½ yards
Batting	48" x 48"	68" x 68"	76" x 96"	96" x 96"

\*Scraps need to be at least 4½" x 5" for large triangles, and 2½" x 4½" for small triangles. Fat quarters, Fat eighths, and 10" pre-cut squares all work well. You can get four large and four small triangles from one 10" square.

\*\*Binding amount assumes 2½" strips, cut the width of the fabric. You'll need more if you cut on the bias.



ALC-140

