



# SPACE ranger

Inspire a budding astronaut with this quilt made from space-theme fabrics. Cutting triangles for the stars is easy with the Fons & Porter Half & Quarter Ruler.

## MATERIALS

### PROJECT RATING: EASY

**Size:** 68" x 83"

**Blocks:** 12 (12") Star blocks

**NOTE:** Fabrics in the quilt shown are from the Space Ranger collection by Avlyn.

2 yards dark blue print for blocks, outer border, and binding

1 $\frac{3}{8}$  yards medium blue print for sashing

$\frac{3}{4}$  yard light blue print for blocks

2 $\frac{1}{2}$  yards navy print for blocks and middle border

1 $\frac{1}{8}$  yards gray print for blocks and inner border

Fons & Porter Half & Quarter Ruler (optional)

5 yards backing fabric

Twin-size quilt batting

## Cutting

Measurements include  $\frac{1}{4}$ " seam allowances. Border strips are exact length needed. You may want to make them longer to allow for piecing variations.

## Sew Smart™

To cut A squares and half-square B triangles from the same size strips using the Fons & Porter Half & Quarter Ruler, see *Sew Easy: Cutting Half-Square Triangles* on page 6. If you are not using the Fons & Porter Half & Quarter Ruler use the cutting NOTE instructions provided. —Liz

### From dark blue print, cut:

- 2 (3 $\frac{1}{2}$ "-wide) strips. From strips, cut 14 (3 $\frac{1}{2}$ ") A squares.

- 6 (3 $\frac{1}{2}$ "-wide) strips. From strips, cut 96 half-square B triangles.

**NOTE:** If not using the Fons & Porter Half & Quarter Ruler to cut the B triangles, cut: 5 (3 $\frac{7}{8}$ "-wide) strips. From strips, cut 48 (3 $\frac{7}{8}$ ") squares. Cut squares in half diagonally to make 96 half-square B triangles.

- 9 (2 $\frac{1}{4}$ "-wide) strips for binding.

- 8 (1 $\frac{1}{2}$ "-wide) strips. Piece strips to make 2 (1 $\frac{1}{2}$ " x 81 $\frac{1}{2}$ ") side outer borders and 2 (1 $\frac{1}{2}$ " x 68 $\frac{1}{2}$ ") top and bottom outer borders.

### From medium blue print, cut:

- 1 (5 $\frac{1}{2}$ "-wide) strip. From strip, cut 4 (5 $\frac{1}{2}$ ") C squares.

- 11 (3 $\frac{1}{2}$ "-wide) strips. From strips, cut 31 (3 $\frac{1}{2}$ " x 12 $\frac{1}{2}$ ") sashing rectangles.

### From light blue print, cut:

- 3 (3 $\frac{1}{2}$ "-wide) strips. From strips, cut 30 (3 $\frac{1}{2}$ ") A squares.

- 3 (3 $\frac{1}{2}$ "-wide) strips. From strips, cut 48 half-square B triangles.

**NOTE:** If not using the Fons & Porter Half & Quarter Ruler to cut the B triangles, cut: 3 (3 $\frac{7}{8}$ "-wide) strips. From strips, cut 24 (3 $\frac{7}{8}$ ") squares. Cut squares in half diagonally to make 48 half-square B triangles.

### From navy print, cut:

- 7 (8 $\frac{1}{2}$ "-wide) strips. Piece strips to make 2 (8 $\frac{1}{2}$ " x 65 $\frac{1}{2}$ ") side middle borders and 2 (8 $\frac{1}{2}$ " x 50 $\frac{1}{2}$ ") top and bottom middle borders.

- 4 (3 $\frac{1}{2}$ "-wide) strips. From strips, cut 8 (3 $\frac{1}{2}$ " x 5 $\frac{1}{2}$ ") D rectangles and 24 (3 $\frac{1}{2}$ ") A squares.

- 3 (3 $\frac{1}{2}$ "-wide) strips. From strips, cut 48 half-square B triangles.

**NOTE:** If not using the Fons & Porter Half & Quarter Ruler to cut the B triangles, cut: 3 (3 $\frac{7}{8}$ "-wide) strips. From strips, cut 24 (3 $\frac{7}{8}$ ") squares. Cut squares in half diagonally to make 48 half-square B triangles.

### From gray print, cut:

- 1 (3 $\frac{1}{2}$ "-wide) strip. From strip, cut 4 (3 $\frac{1}{2}$ ") A squares.

- 6 (3 $\frac{1}{2}$ "-wide) strips. From strips, cut 96 half-square B triangles.

**NOTE:** If not using the Fons & Porter Half & Quarter Ruler to cut the B triangles, cut: 5 (3 $\frac{7}{8}$ "-wide) strips. From strips, cut 48 (3 $\frac{7}{8}$ ") squares. Cut squares in half diagonally to make 96 half-square B triangles.

- 7 (1 $\frac{1}{2}$ "-wide) strips. Piece strips to make 2 (1 $\frac{1}{2}$ " x 63 $\frac{1}{2}$ ") side inner borders and 2 (1 $\frac{1}{2}$ " x 50 $\frac{1}{2}$ ") top and bottom inner borders.

## Block Assembly

1. Join 1 dark blue print B triangle and 1 navy print B triangle to make a triangle-square (*Triangle-Square Diagrams*). Make 4 dark blue/navy triangle-squares.



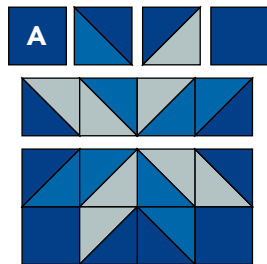
Triangle-Square Diagrams

2. In the same manner, make 4 gray/navy triangle-squares using gray print and navy print B triangles, and 4 dark blue/gray triangle-squares using dark blue print and gray print B triangles.

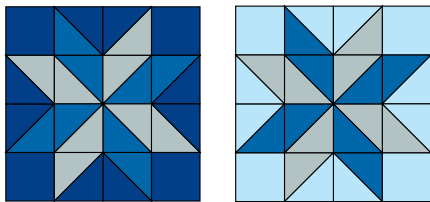
3. Lay out triangle squares and 4 navy print A squares as shown in *Block*

*Assembly Diagram.* Join into rows; join rows to complete 1 navy block (*Block Diagrams*). Make 6 navy blocks.

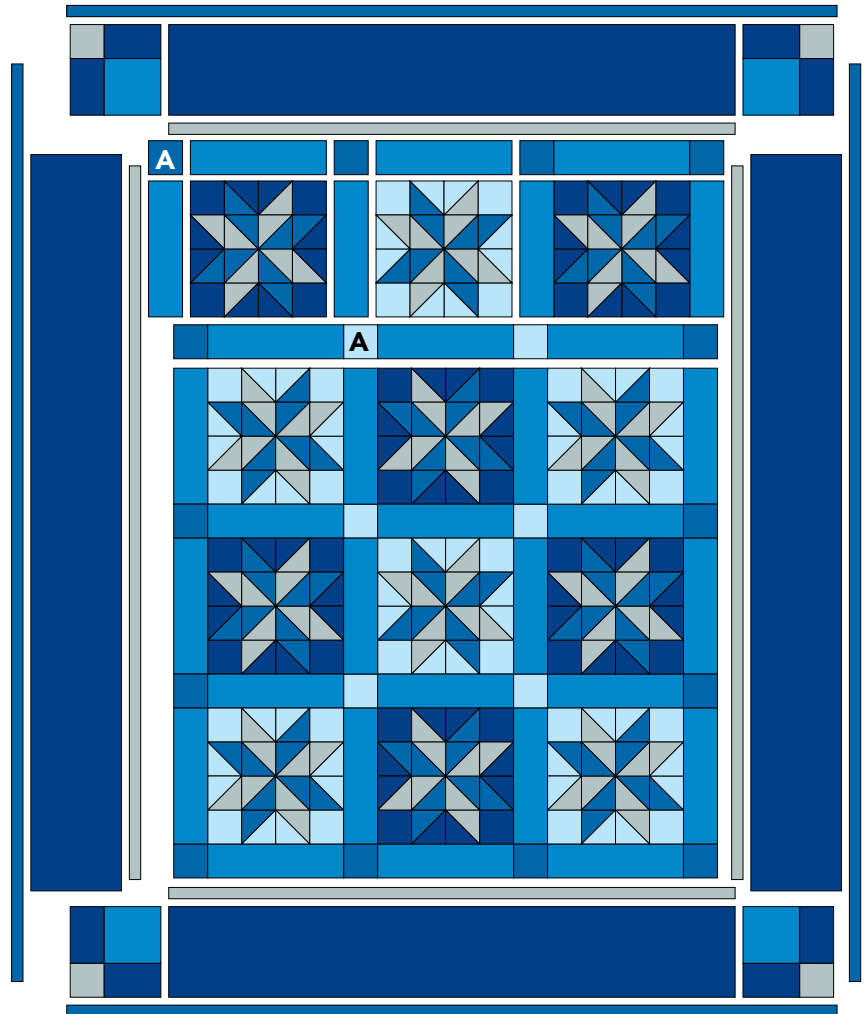
**4.** In the same manner, make 6 light blue blocks using light blue print A squares and light blue, medium blue, and gray print B triangles.



Block Assembly Diagram



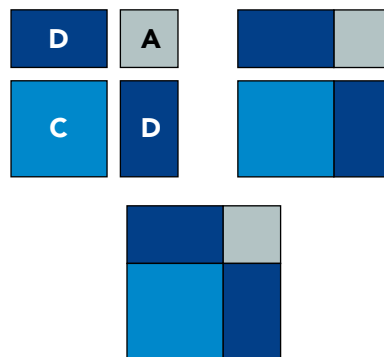
Block Diagrams



Quilt Top Assembly Diagram

## Quilt Assembly

1. Lay out blocks, dark blue and light blue print A squares, and medium blue print sashing rectangles as shown in *Quilt Top Assembly Diagram*. Join into rows; join rows to complete quilt center.
2. Add gray print side inner borders to quilt center. Add top and bottom inner borders to quilt.
3. Lay out 1 gray print A square, 1 medium blue print C square, and 2 navy print D rectangles as shown in *Corner Unit Diagrams*. Join into rows; join rows to complete 1 Corner Unit. Make 4 Corner Units.



Corner Unit Diagrams

4. Add navy print side middle borders to quilt. Add 1 Corner Unit to each end of top and bottom middle borders. Add borders to quilt.
5. Add dark blue print side outer borders to quilt. Add top and bottom outer borders to quilt.

## Finishing

1. Divide backing into 2 (2½-yard) lengths. Cut 1 piece in half lengthwise to make 2 narrow panels. Join 1 narrow panel to each side of wider panel; press seam allowances toward narrow panels.
2. Layer backing, batting, and quilt top; baste. Quilt as desired. Quilt shown was quilted in the ditch, with loops in the middle border, and with stars in sashing squares (*Quilting Diagram*).
3. Join 2¼"-wide dark blue print strips into 1 continuous piece for straight-grain French-fold binding. Add binding to quilt.



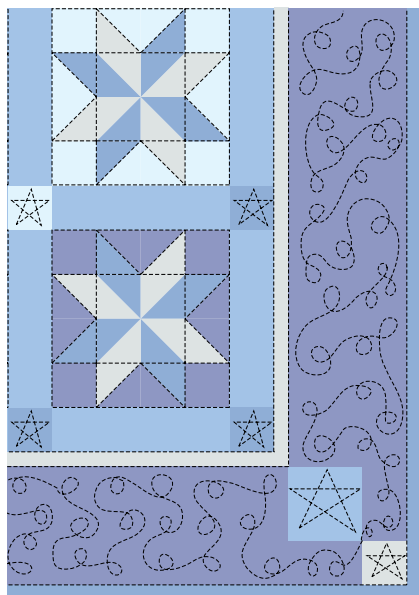
## SIZE OPTIONS

	Throw (53" x 68")	Full (83" x 98")
<b>Blocks</b>	6	20
<b>Setting</b>	2 x 3	4 x 5
<b>Dark Blue Print</b>	1½ yards	2¼ yards
<b>Medium Blue Print</b>	7⁄8 yard	2 yards
<b>Light Blue Print</b>	5⁄8 yard	1 yard
<b>Navy Print</b>	2 yards	3 yards
<b>Gray Print</b>	¾ yard	1½ yards
<b>Backing Fabric</b>	1½ yards	7½ yards
<b>Batting</b>	Twin-size	Queen-size

### Materials

### WEB EXTRA

Go to [www.FonsandPorter.com/spacesizes](http://www.FonsandPorter.com/spacesizes) to download *Quilt Top Assembly Diagrams* for these size options.



Quilting Diagram

## TRIED & TRUE TESTED FOR YOU

Sunny hot colors in  
Tonga Batiks from  
Timeless Treasures spice  
up this traditional block.



## SPACE ranger WALLHANGING



## MATERIALS

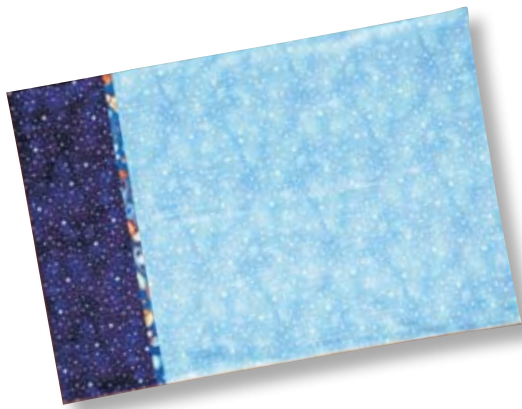
**Size:** 42" x 34"

**NOTE:** Fabrics in the wallhanging shown are from the Space Ranger collection by Avlyn.

- 1 yard blue panel
- 1 yard backing
- ¾ yard blue print for binding
- Crib-size batting

## Instructions

1. Layer backing, batting, and panel. Quilt as desired. Wallhanging shown was quilted with meandering around the planets and stars.
2. Cut 5 (2¼"-wide) blue print strips for binding. Join into 1 continuous piece for straight-grain French-fold binding. Add binding to quilt.



# SPACE *ranger* PILLOWCASE

## MATERIALS

**Size:** 19" x 30"

(Fits a standard bed pillow)

**NOTE:** Fabrics in the pillowcase shown are from the Space Ranger collection by Avlyn.

¾ yard light blue print for pillowcase

¼ yard dark blue print for band  
2"-wide strip accent fabric

### Cutting

#### From light blue print, cut:

- 1 (27" x 40") rectangle.

#### From contrasting fabric, cut:

- 1 (9" x 40") strip.

#### From accent fabric, cut:

- 1 (2" x 40") strip.

### Assembly

**1.** Referring to *Diagram 1*, fold pillowcase fabric into a 20" x 27" rectangle, with right sides facing. Stitch along top and side edge with ½" seam. Turn pillowcase right side out.

### Sew Smart™

**Zigzag, pink, or serge raw edges of seams to help prevent raveling during washing. —Marianne**

**2.** With right sides facing, join short ends of band strip with a ½" seam. Press under ½" along 1 long edge of band.

**3.** Join short ends of accent strip with a ½" seam. Fold accent strip in half with wrong sides facing; press.

**4.** Pin accent strip to right side of pillowcase, aligning raw edges. Pin contrasting band atop accent strip as shown in *Diagram 2*. Stitch around pillowcase through all layers with a ½" seam. Press seam allowance toward pillowcase.

**5.** Turn band to inside of pillowcase, aligning fold of band with seam. Press. Stitch in the ditch through all layers (*Diagram 3*).

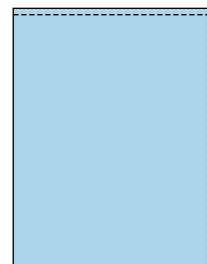


Diagram 1

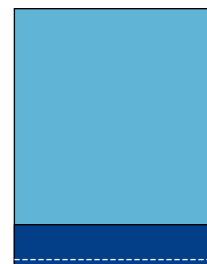


Diagram 2

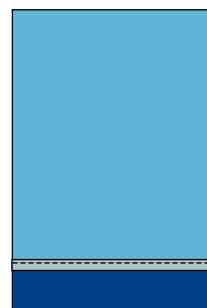


Diagram 3

## DESIGNER



Designer Heidi Pridemore is known for her whimsical and fun quilts. In addition to creating quilts for several fabric companies, she teaches, designs fabric, and has authored three books. Heidi started her company in 1998, and has been joined by her husband and several other family members.

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# Cutting Half-Square Triangles

Easily cut half-square triangles for *Space Ranger* using the Fons & Porter Half & Quarter Ruler.

1. Straighten the left edge of fabric strip. Place the strip width line (3½" *Space Rangers*) of the Fons & Porter Half & Quarter Ruler on the bottom edge of strip, aligning left edge of ruler with straightened edge of strip. The yellow tip of ruler will extend beyond top edge of strip.
2. Cut along right edge of ruler to make 1 half-square triangle (*Photo A*).
3. Turn ruler and align fabric-width line with top edge of strip. Cut along right edge of ruler (*Photo B*).
4. Repeat to cut required number of half-square triangles.

