House Ruler

Cuts every shape under the roof.

- Half-square triangles, quarter-square triangles
- Trapezoids, parallelograms, diamonds
- "House" and "Barn" shapes

Designed by Mary Jane Mattingly and Susan Knapp of The Quilt Branch

#CGRQB1

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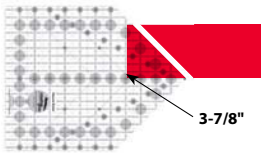
Cutting Half-Square Triangles

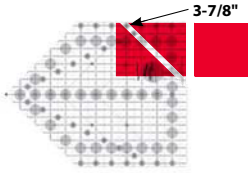
Patterns usually give the finished height and width of the triangle. Our example finishes 3" x 3".

1. Cut a strip of fabric **finished height plus 1/2"** (3-1/2").

2. Use a single layer of fabric and remove the selvages. Place the center line of the ruler on the bottom cut edge of the strip. Slide the ruler to the right until the bottom left corner is the **finished size plus 7/8"** (3-7/8"). Cut the 45° angle.



3. Rotate the ruler 180°. Place the top of the ruler along the top of the strip. Slide the ruler to the right until **the tip of the angle is the finished size plus 7/8"** (3-7/8"). Cut along the right, straight edge of the ruler.



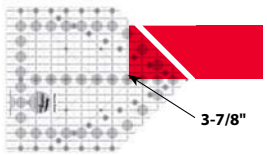
4. Continue Steps 2 and 3 to cut the required number of triangles.

Cutting Quarter-Square Triangles

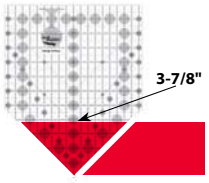
Patterns usually give the finished length and height of the quarter-square triangle. Our example finishes 6" x 3".

1. Cut a strip of fabric **finished height plus 1/2"** (3-1/2").

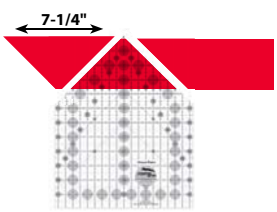
2.Use a single layer of fabric and remove the selvages. Cut a half-square triangle from the end of the strip to create a 45° angle and save the triangle for later use.



3. Place the ruler with the point down. Position the top of the black triangle along the bottom of the strip and the left side of the ruler even with the 45° angle. (The black tip will extend beyond the edge of the fabric). The top of the strip will be at the **finished height plus 5/8"** (3-5/8"). Cut the 45° angle. (If you measure the long side of the triangle it will be twice the **finished height plus 1-1/4"** (3" + 3" + 1-1/4" = 7-1/4").



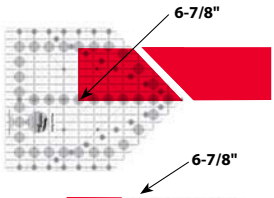
4. Rotate the ruler 180°. Position the bottom of the black triangle along the top of the strip and the left side of the ruler even with 45° angle. (The black tip will extend beyond the edge of the fabric). The bottom of the strip will be at the **finished height plus 5/8"** (3-5/8"). Cut the 45° angle.



5. Continue Steps 3 and 4 to cut the required number of triangles.

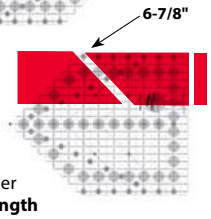
Cutting Trapezoids with 45° and 90° Angles (Right Pointing)

Patterns usually give the length and height of the trapezoid. Our example finishes 6" x 3".



1. Cut a strip of fabric **finished height plus 1/2"** (3-1/2").

2. *Use a single layer of fabric and remove the selvages.* Place the center line of the ruler along the bottom of strip. Slide the ruler to the right until the short edge of the strip is at the **finished length plus 7/8"** (6-7/8"). Cut the 45° angle.



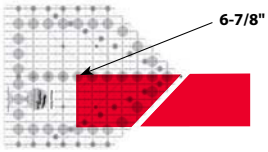
3. Rotate the ruler 180°. Place the top of the ruler along the top of the strip. Move the ruler to the right until the tip is at the **finished length plus 7/8"** (6-7/8"). Cut the straight edge.

4. Continue Steps 2 and 3 to cut the required number of trapezoids.

Cutting Trapezoids with 45° and 90° Angles (Left Pointing)

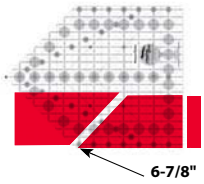
Patterns usually give the length and height of the trapezoid. Our example finishes 6" x 3".

1. Cut a strip of fabric **finished height plus 1/2"** (3-1/2").



2. *Use a single layer of fabric and remove the selvages.* Place the center line of the ruler along the top of the strip. Slide the ruler to the right until the short edge of the strip is at the **finished length plus 7/8"** (6-7/8"). Cut the 45° angle.

3. Rotate the ruler 180°. Place the bottom of the ruler along the bottom of the strip. Move the ruler to the right until the tip is at the **finished length plus 7/8"** (6-7/8"). Cut the straight edge.

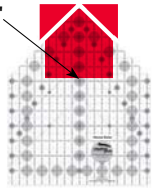


4. Continue Steps 2 and 3 to cut the required number of trapezoids.

Cutting Five Sided "Houses"

"Houses" are cut from squares or rectangles. Patterns usually give the finished size of the square or rectangle. Our example finishes 4" x 4".

1. Cut squares **finished height plus 1/2"** (4-1/2").

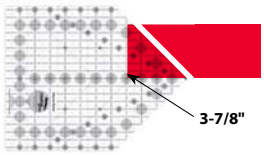


2. *Multiple "houses" can be cut if the squares are placed directly on top of each other.* Place the ruler so that it is centered over the square with the bottom of the black tip lined up with the top of the square. (The black tip will extend beyond the edge of the fabric). To center the "house", use the numbers that go down at an angle on the ruler. Line the 4-1/2" square up with the 4-1/2" marking on each side. The bottom of the square will be at the **finished size plus 5/8"** (4-5/8"). Cut the 45° angle on each side.

Cutting Parallelograms - Left Skew

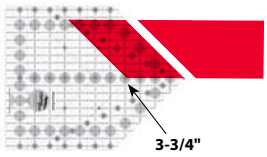
Patterns usually give the finished height and width of the parallelogram. Our example finishes 3" high x 3" wide.

1. Cut a strip of fabric **finished height plus 1/2"** (3-1/2").

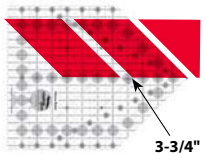


2.Use a single layer of fabric and remove the selvages. Cut a half-square triangle from the end of the strip to create a 45° angle and save the triangle for later use.

3. Line up the center of the ruler with the bottom of the strip. Move the ruler to the right until the bottom left corner is at **finished width plus 3/4"** (3-3/4"). Cut the 45° angle.



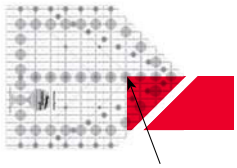
4. Continue sliding the ruler to the right as in Step 3 to cut the required number of parallelograms.



Cutting Parallelograms - Right Skew

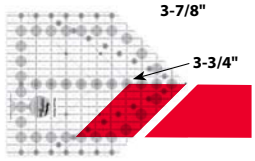
Patterns usually give the finished height and width of the parallelogram. Our example finishes 3" high x 3" wide.

1. Cut a strip of fabric **finished height plus 1/2"** (3-1/2").



2. Use a single layer of fabric and remove the selvages. Cut a half-square triangle from the end of the strip to create a 45° angle and save the triangle for later use.

3. Line up the center of the ruler with the top of the strip. Move the ruler to the right until the top left corner is at **finished width plus 3/4"** (3-3/4"). Cut the 45° angle.

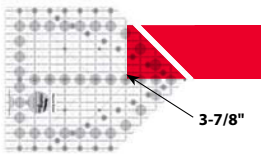


4. Continue sliding the ruler to the right as in Step 3 to cut the required number of parallelograms.

Cutting Trapezoids with two 45° angles

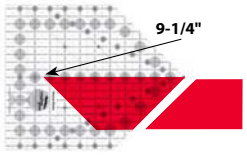
Patterns usually give the finished height and width of the trapezoid. Our example finishes 3" high x 8" wide.

1. Cut a strip of fabric **finished height plus 1/2"** (3-1/2").



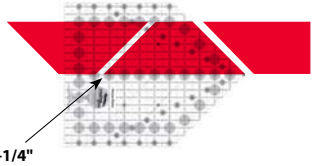
2. *Use a single layer of fabric and remove the selvages.* Cut a half-square triangle from the end of the strip to create a 45° angle and save the triangle for later use.

3. Place the center line of the ruler along the top of the strip. Slide the ruler to the right until the upper left corner of the fabric is the **finished width plus 1-1/4"** (9-1/4"). Cut the 45° angle.



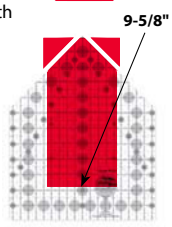
4. Place the center line of the ruler along the bottom of the strip. Slide the ruler to the right until the lower left corner of the fabric is the **finished width plus 1-1/4"** (9-1/4"). Cut the 45° angle.

5. Continue Steps 3 and 4 to cut the required number of trapezoids.



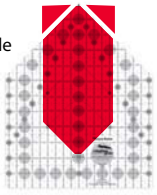
Cutting Diamonds from Rectangles

Patterns usually give the finished height and width of the rectangle. Our example finishes 4" x 9".



1. Cut rectangles **finished size plus 1/2" in each direction** (4-1/2" x 9-1/2").

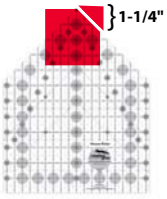
2. *Multiple diamonds can be cut if rectangles are layered directly on top of each other.* Place the ruler so that it is centered over the rectangle with the bottom of the black tip lined up with the top of the rectangle. (The black tip will extend beyond the edge of the fabric). To center the ruler, use the numbers that go down at an angle on the ruler. You will line a 4-1/2" wide rectangle up with the 4-1/2" marking on each side. The bottom of the rectangle will be at the **finished width plus 5/8"** (9-5/8"). Cut the 45° angle on each side.



3. Rotate the fabric rectangle 180°. Again, center the rectangle and line the bottom of the black tip up with the top of the rectangle. Cut both 45° angles.

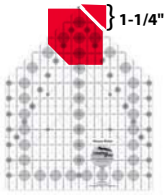
Cutting Diamonds from Squares

Patterns usually give the finished size of the square. Our example finishes 3" x 3". The finished size of the triangle that will be sewn to the corners is 1".



1. Cut squares **finished size plus 1/2"** (3-1/2").

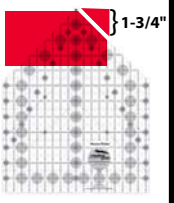
2. *Multiple diamonds can be cut if the squares are layered directly on top of each other.* Place the ruler with the bottom of the black tip lined up with the top of the square. (The black tip will extend beyond the edge of the fabric). Move the ruler until the right side of the square is at the **finished triangle size plus 1/4"** (1-1/4"). The bottom of the square will be at **finished size plus 5/8"** (3-5/8"). Cut the 45° angle at the upper right.



3. Rotate the fabric square 180°. Line the top of the square up with the bottom of the black tip. (The black tip will extend beyond the edge of the fabric). Move the ruler until the right side of the square is at the **finished triangle size plus 1/4"** (1-1/4"). The bottom of the square will be at **finished size plus 5/8"** (3-5/8"). Cut the 45° angle at the upper right.

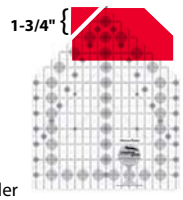
Cutting "Barns" from Rectangles

The "Barn" shape is cut from a rectangle. Patterns usually give the finished size of the rectangle. Our example finishes 3" x 6". The finished triangles on adjoining corners are 1-1/2".



1. Cut rectangles **finished size plus 1/2" in both directions** (3-1/2" x 6-1/2").

2. *Multiple "barns" can be cut if the rectangles are layered directly on top of each other.* Place the ruler with the bottom of the black tip lined up with the top of the rectangle. (The black tip will extend beyond the edge of the fabric). The bottom of the rectangle will be at **finished height plus 5/8"** (3-5/8"). Move the ruler until the right side of the rectangle is at the **finished triangle size plus 1/4"** (1-3/4"). Cut the 45° angle at the upper right.



3. Place the ruler with the bottom of the black tip lined up with the top of the rectangle. (The black tip will extend beyond the edge of the fabric). The bottom of the rectangle will be at **finished height plus 5/8"** (3-5/8"). Move the ruler until the left side of the rectangle is at the **finished triangle size plus 1/4"** (1-3/4"). Cut the 45° angle at the upper left.

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