



BASIC HOT PAD

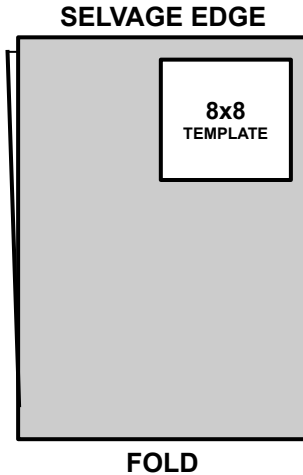
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MATERIALS NEEDED:

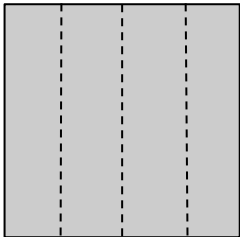
1. $\frac{1}{4}$ YD WOVEN FABRIC/CONTRAST WOVEN FABRIC
2. $\frac{1}{4}$ YD POLYESTER FLEECE
3. QUALITY THREAD
4. TEMPLATE PACKET
5. MARKING PENS/MARKERS
6. GRID RULER

STEP #1: CUT OUT FABRIC

1. Lay your fabric out on a flat surface.
2. Place the **8x8 TEMPLATE** on the corner of the fabric.
3. Outline the template with a fabric marker.
4. Cut fabric on the line you marked.
5. Repeat these steps using the **7x7 TEMPLATE** on the fleece fabric.

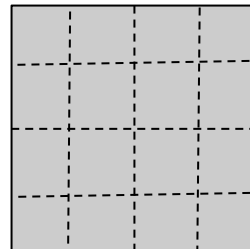


STEP #2: MARK 2" GRID LINES

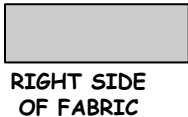


1. Lay 8x8 woven fabric pieces on a flat surface.
2. Use the **GRID RULER** to mark the fabric using a fabric marker 2" apart on the fabric.

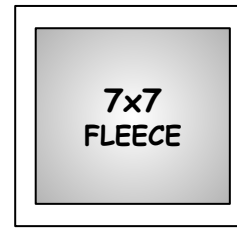
3. Using the fabric marker, mark the 8x8 template going the opposite direction, 2" from the edge.
4. Repeat 3 times so it makes a grid on the fabric.



KEY:



STEP #3: STICKY SPRAY TO ATTACH LAYERS

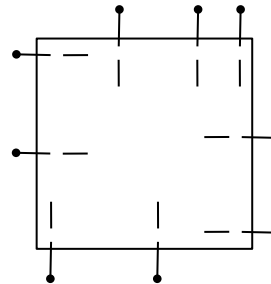


1. Place the fleece layers on the the sticky spray board.
2. Spray a light layer of 505 SPRAY on one side of the 7x7 fleece layers.
3. Center the layers on the **BACK** of the 8x8 woven layers.



STEP #4: STITCH GRID LINES

1. Change the stitch length to 4.
2. Align the fabric lines with center stitching line.
3. Backstitch at the beginning and end of each line.
4. Stitch each line until you have completed the **GRID** pattern on the Hot Pad.

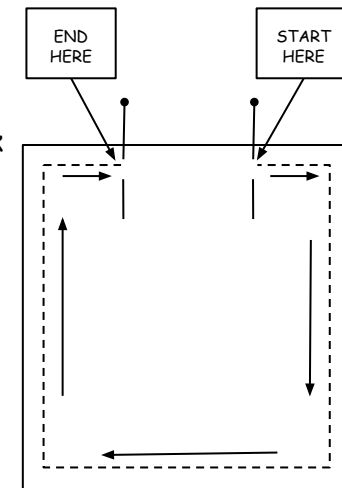


STEP #5: PIN FABRIC LAYERS

1. Find the two woven layers.
2. Put the two layers together with right sides together.
3. Use your fingers to match the layers together exactly.
4. Place the pins in the edge, perpendicular to the fabric edge.
5. Use a different color pin to mark the beginning and end of the seam that will indicate where the opening will be.

STEP #6: STITCH LAYERS TOGETHER

1. Set the machine on **STITCH #1** (no changes) Make sure the needle is set to stop in the down position.
2. Backstitch at the beginning of the seam. If you look at the diagram, it says **START HERE**.
3. Stitch to the corner following the direction of the arrow.
4. When you get to the corner, stop $\frac{1}{4}$ " from the edge of the fabric. This is where you pivot the corner.
5. Pivot the corner and follow the second edge all the way down, until you get to the corner.
6. Continue the steps until you get the point that says **END HERE**. This will leave an opening in the edge.
7. Make sure to backstitch where it says **END HERE**.



STEP #7: CLIP - FLIP - PRESS:

CLIP:

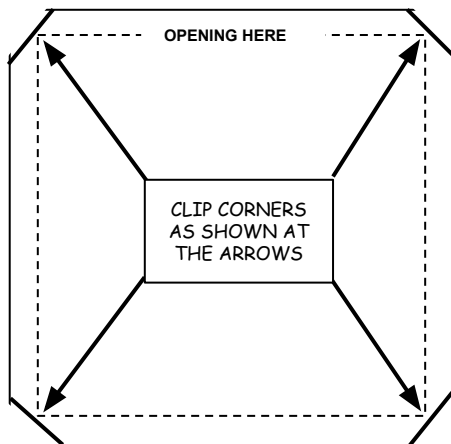
1. Clip all 4 corners.
2. Make sure to cut all the way to the stitching without cutting the stitches. (If you cut the stitches you will get a hole in the corner).

FLIP:

3. Flip the Hot Pad right side out through the opening.
4. Use a "Corner Pointing Tool" to help you point the corners so they are sharp.

PRESS:

5. Press the entire Hot Pad flat.
6. Make sure that opening edge is pressed flat so it matches the stitched edge, so it is difficult to tell where the opening is.



STEP #8: HAND STITCH THE OPENING:

THREAD THE NEEDLE:

1. You need a Hand stitching needle
2. Cut a piece of All-Purpose thread that is the length of your arm to your shoulder.
3. Insert the end of your thread through your needle and pull it down so they are almost the same length, but one end will be shorter.

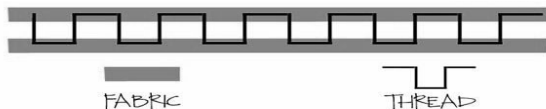
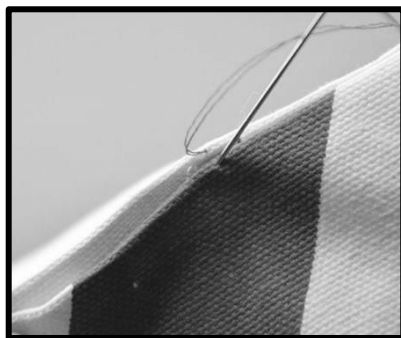
ONE END WILL BE A FEW INCHES SHORTER THAN THE OTHER!

4. Knot the end of the longer thread.

BLIND-STITCH / LADDER-STITCH:

The VIDEO TUTORIAL will help you understand this step more completely.

1. Find the opening on your Hot Pad and insert the tip of the needle into the opening.
2. Pull the needle up so the knot is buried in the seam.
3. Insert needle into the top of the fold on one side, and pick up a little tiny stitch.
4. Exactly where your needle came out on one side, your will insert your needle into the fold on the other side. (If you do this stitch correctly, the stitch will be completely invisible).



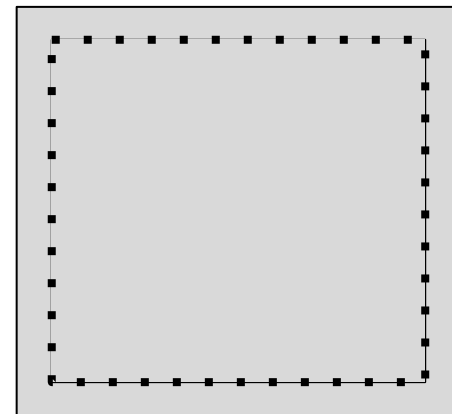
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STEP #9: EMBROIDERY STITCHES:

MACHINE SET-UP:

1. Place the Embroidery Foot on your Sewing machine.
2. Select the Embroidery Stitch you want to put on your Hot Pad from the Embroidery Stitch Menu.
3. Press the # key. Type in the number of the stitch into the keypad and look for the digits to show up on the screen.
4. Set the needle to stop in the Down position for pivoting.



TEST YOUR STITCH:

5. Get some scraps of your fabric. (Try to match the thickness of your fabric that you are working on, so the stitch will look similar to your final product).
6. Test your stitch on your collection of scraps, and make sure the embroidery stitch you chose is working correctly.

BEGIN STITCHING:

5. Place the edge of your fabric up to the $\frac{5}{8}$ " seam allowance at the corner.
6. Guide your fabric so that the edge stays lined up with the $\frac{5}{8}$ " seam allowance. (**DO NOT PUSH OR PULL while stitching! DO NOT BACK STITCH!!!**)
7. When you get to the corners, PIVOT if possible, because of the embroidery stitch, corners may not align perfectly. **IT IS OK!**

STEP #10: INSERT GROMMET:

GROMMET MACHINE SET-UP:

1. Please ask the teacher or get help from a knowledgeable student when setting up the GROMMET MACHINE.

MARK THE CORNER:

2. With a Sharpie, choose a corner. (usually the corner that is the least attractive).
3. Mark the corner just inside the the embroidery stitching. (see diagram where it says Grommet Placement).

INSERT THE GROMMET:

4. Follow the instructions from the Grommet demo to learn how to use the Grommet Machine.

