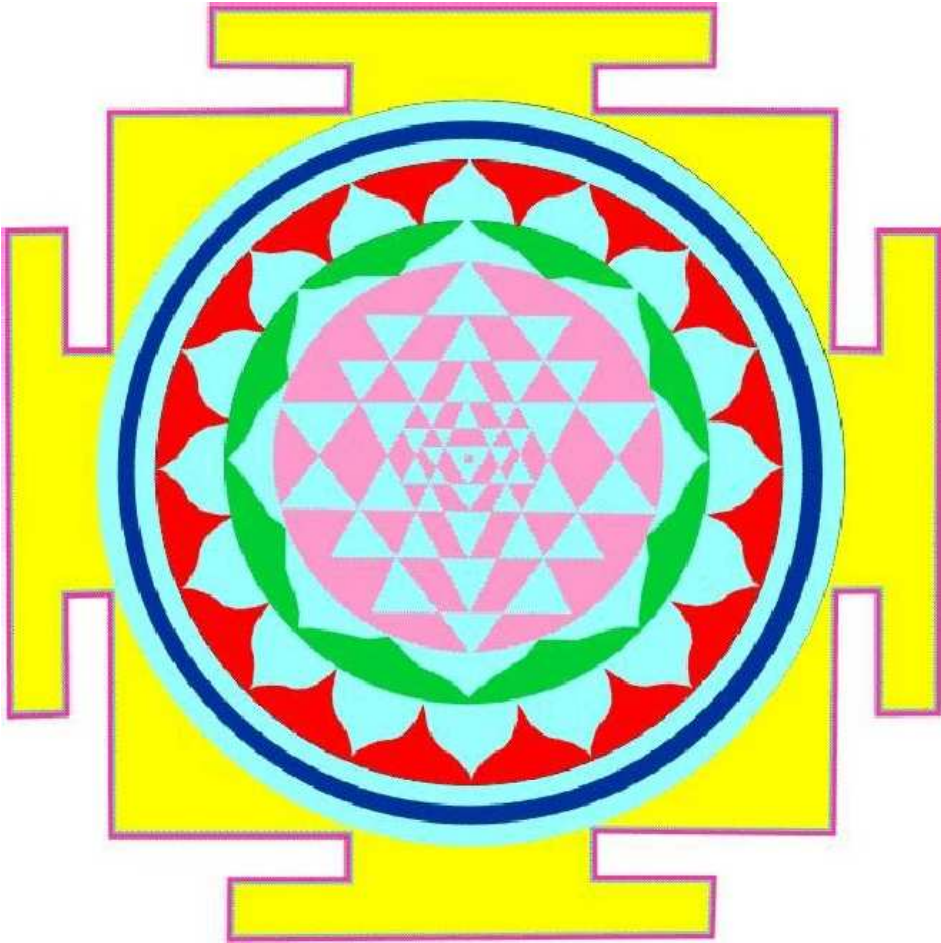


# Making ShriYantra in 14 steps



## The 14 steps

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Step-1: Draw inner circle and Triangle with apex down.

Step-2: Draw Triangle with apex up.

Step-3: Draw Triangle with apex down.

Step-4: Draw Triangle with apex up.

Step-5: Draw Triangle with apex up.

Step-6: Draw Triangle with apex up.

Step-7: Draw Triangle with apex down.

Step-8: Draw Triangle with apex down.

Step-9: Draw Triangle with apex down.

Step-10: Draw Bindu or point.

Step-11: Color the inner part; draw 8 petals and color them.

Step-12: Draw 16 colored petals and color them.

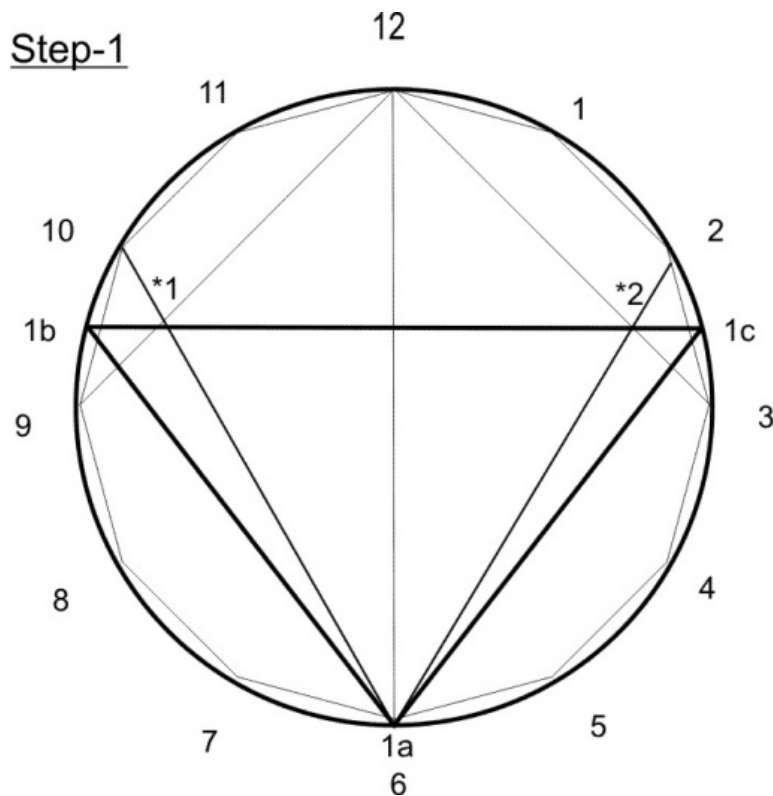
Step-13: Draw 3 circles and color them.

Step-14: Draw Bhupur and color it.

# Step-1: Inner circle and Triangle-1 with apex down

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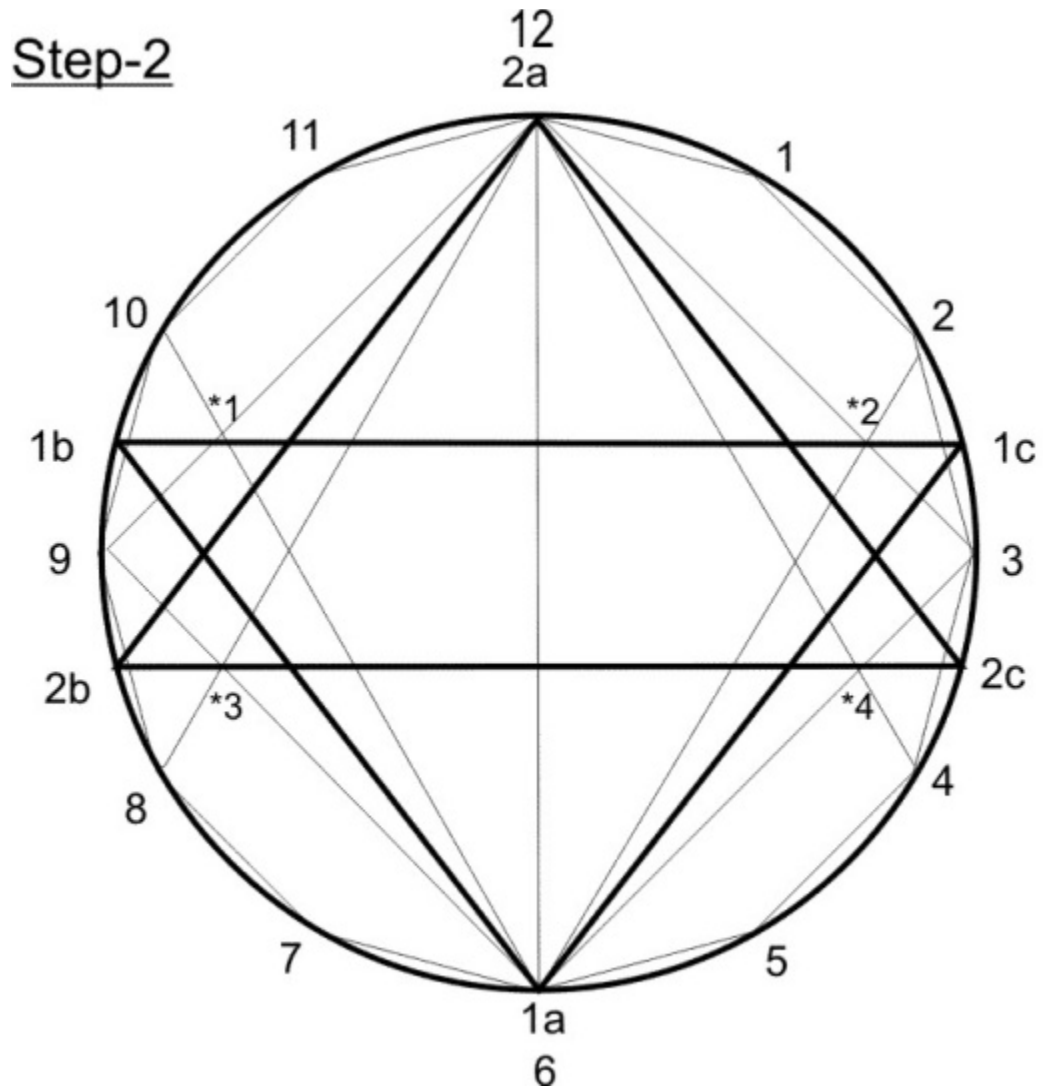
1. Draw a circle of approximately 5 centimeters radius.
2. Insert a temporary polygon of 12 sides with corners touching the circle.
3. Mark corners of the polygon and number them from 1 to 12 as in a clock.
4. Draw temporary lines 12-9, 12-3, 6-10 and 6-2.
5. Mark the crossings of the lines as \*1 and \*2.
6. Draw line 1b-1c through \*1 and \*2.
7. Join 1a(6 on the circle) to 1b and 1c.



## Step-2: Triangle-2 with apex up

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1. Draw temporary lines 12-8, 12-4, 6-9 and 6-3.
2. Mark the crossings of the lines as \*3 and \*4.
3. Draw line 2b-2c through \*3 and \*4.
4. Join 2a(12 on the circle) to 2b and 2c.

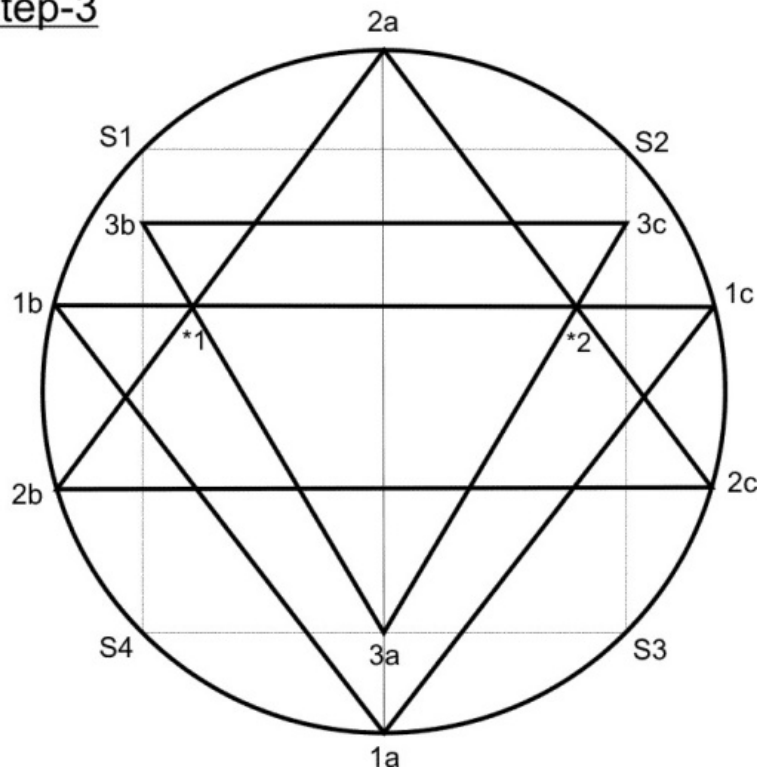


## Step-3: Triangle-3 with apex down

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1. Remove the temporary lines 12-9, 12-3,6-10, 6-2,12-8, 12-4, 6-9 and 6-3 and marks \*1, \*2, \*3 and \*4 drawn in step-1 and step-2.
2. Remove the temporary polygon and numbers from 1 to 12.
3. Draw temporary square with corners touching the circle at S1, S2, S3, S4. Line S1-S2 should be parallel to 1b-1c.
4. Draw temporary vertical line from 1a to 2a.
5. Mark the crossing of 1a-2a and S4-S3 as 3a.
6. Mark the two crossings on side lines of Triangle-2 on line 1b-1c as \*1 and \*2.
7. Draw line from 3a through \*1 up to the left side line of square (3b).
8. Draw line from 3a through \*2 up to the right side line of square (3c).
9. Join 3b to 3c.

### Step-3

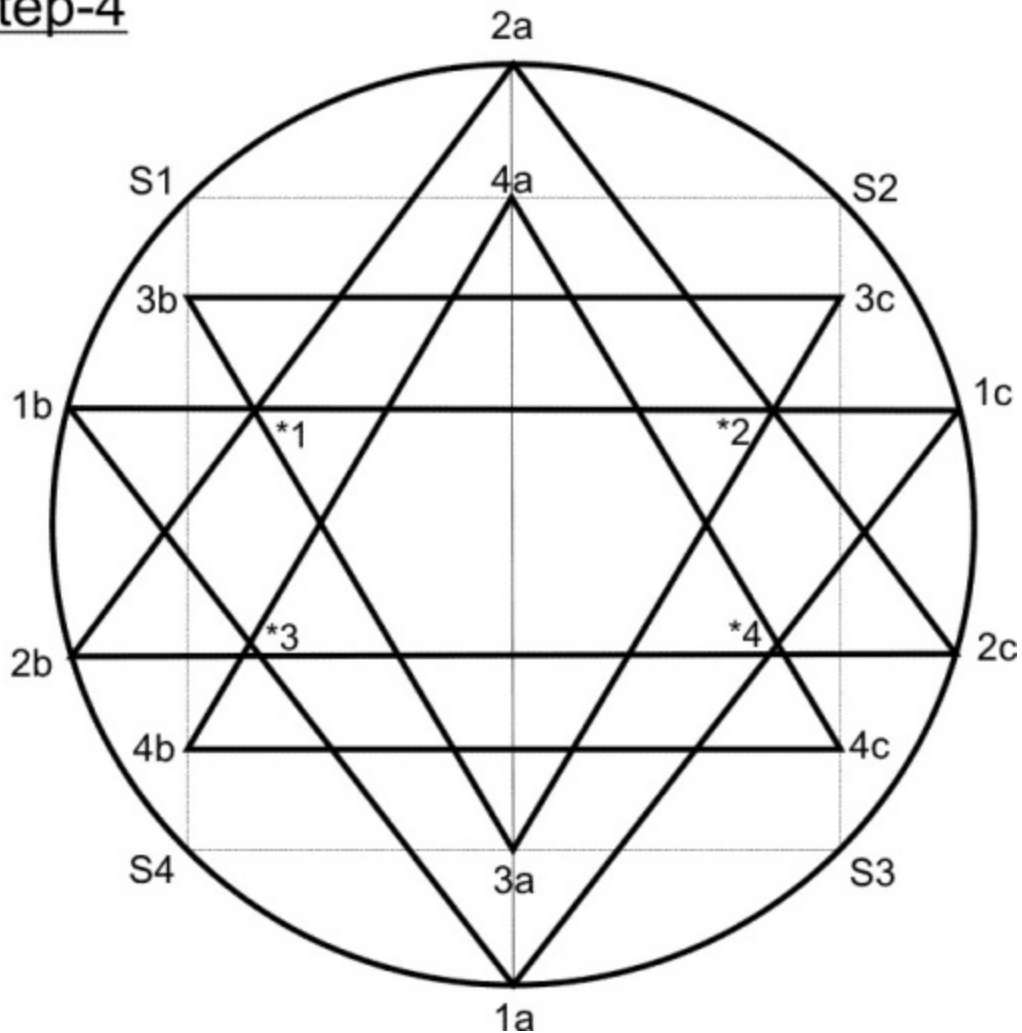


## Step-4: Triangle-4 with apex up

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1. Mark the two crossings on side lines of Triangle-1 on 2b-2c as \*3 and \*4.
2. Mark the crossing of 1a-2a and S1-S2 as 4a.
3. Draw line from 4a through \*3 up to the side of square (4b).
4. Draw line from 4a through \*4 up to the side of square (4c).
5. Join 4b to 4c.

### Step-4

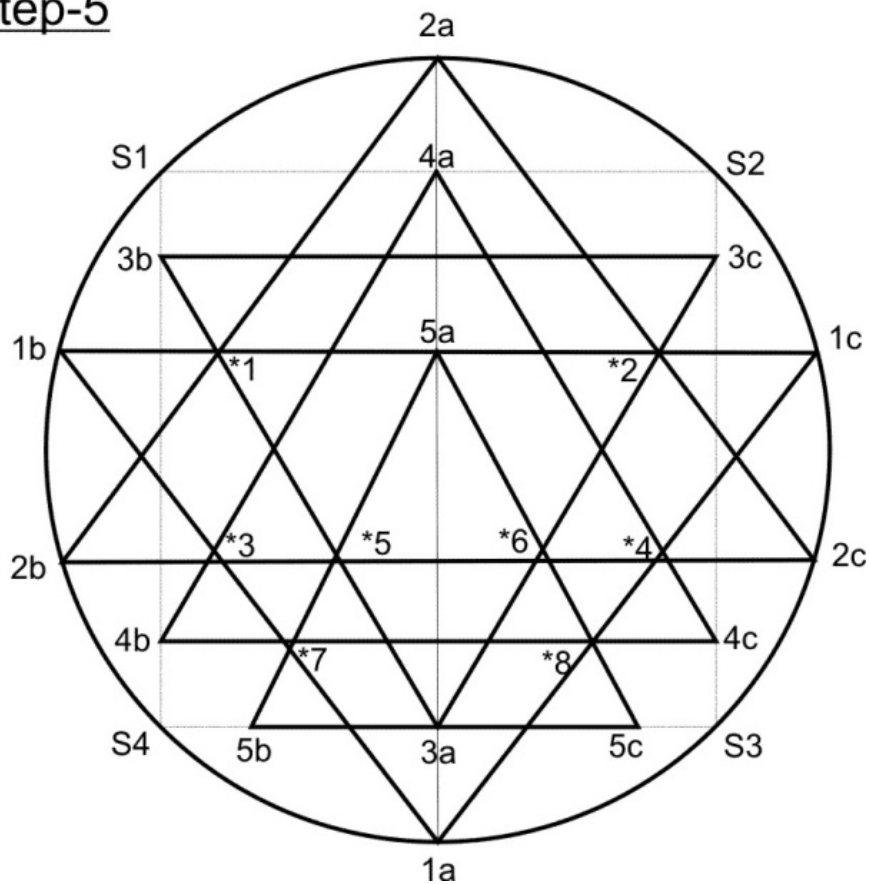


## Step-5: Triangle-5 with apex up

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1. Mark the two crossings on side lines of Triangle-3 on 2b-2c as \*5 and \*6.
2. Mark the two crossings on side lines of Triangle-1 on 4b-4c as \*7 and \*8.
3. Mark the crossing of 1b-1c and 1a-2a as 5a.
4. Draw line from 5a through \*5 and \*7 up to the square base line (5b).
5. Draw line from 5a crossing \*6 and \*8 up to the square baseline (5c).
6. Join 5b to 5c.

### Step-5

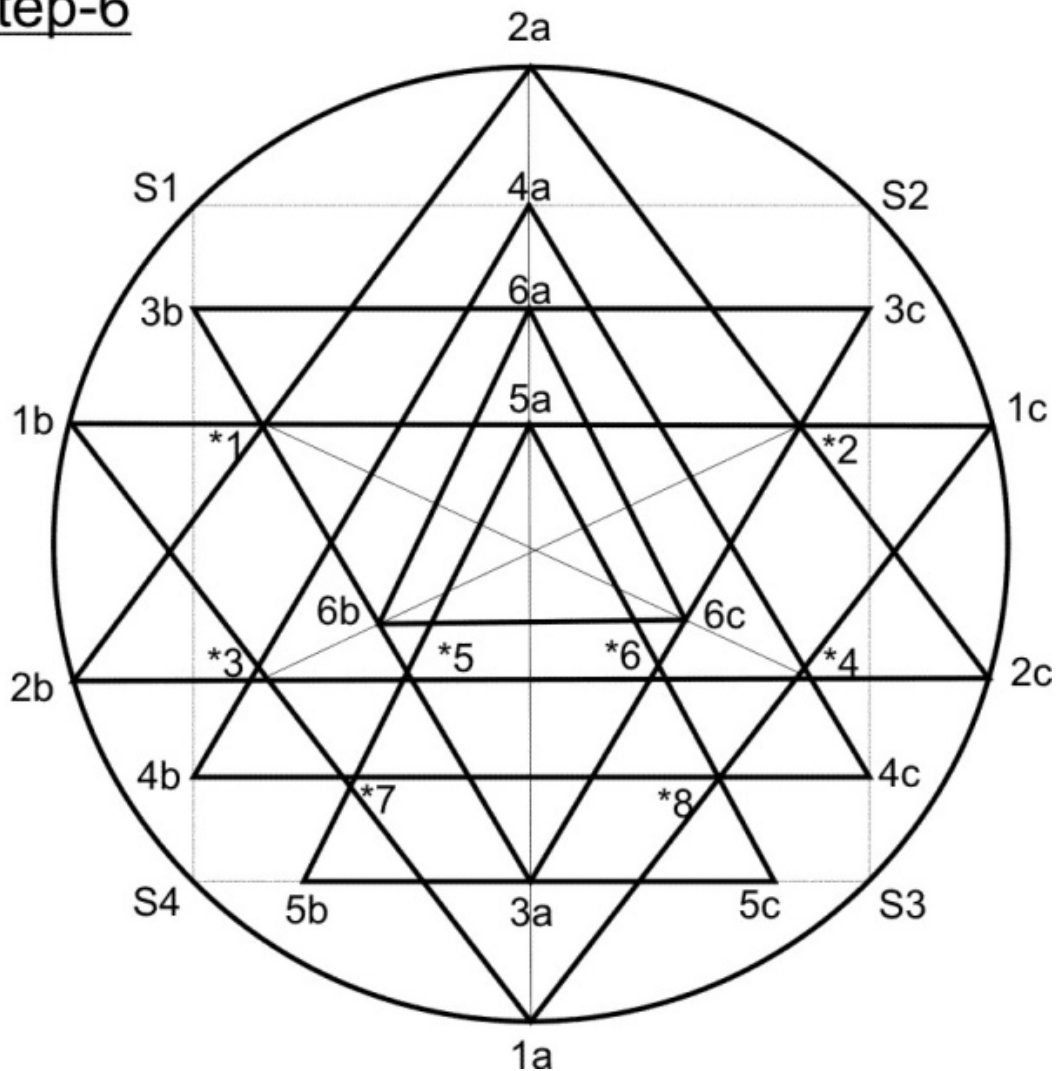


## Step-6: Triangle-6 with apex up

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1. Draw temporary lines joining \*1 to \*4 and \*2 to \*3.
2. Mark the crossing of these temporary lines on side lines of Triangle-3 as 6b and 6c.
3. Mark the crossing of 3b-3c and 1a-2a as 6a.
4. Join 6a to 6b and 6c.
5. Join 6b to 6c.

### Step-6

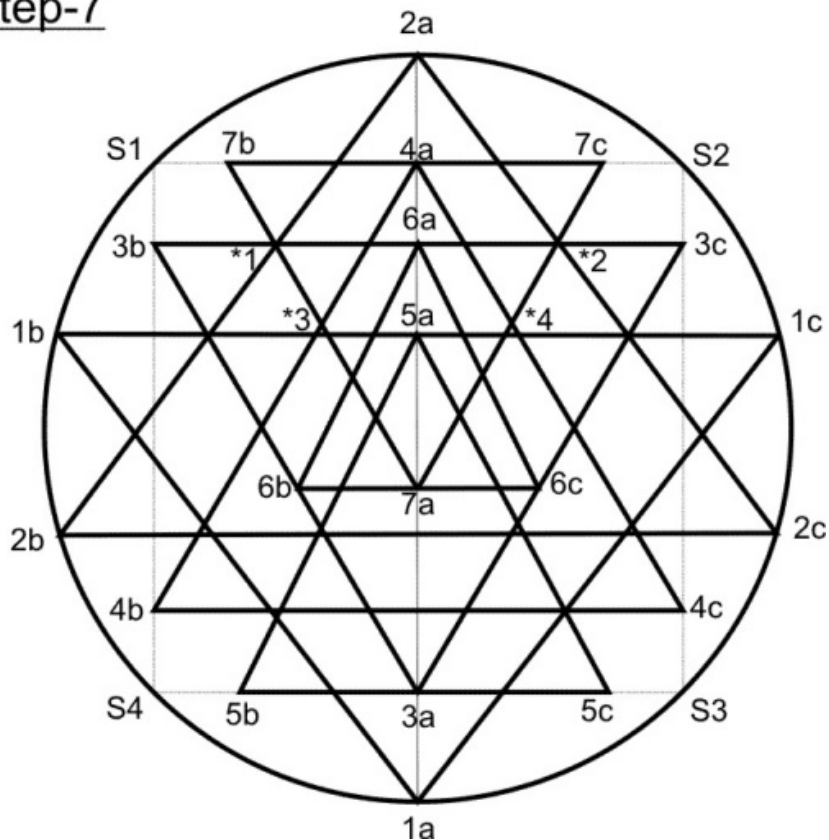




## Step-7: Triangle-7 with apex down

1. Remove the temporary lines joining \*1 to \*4 and \*2 to \*3.
2. Remove the temporary marks \*1, \*2, \*3, \*4, \*5, \*6, \*7 and \*8 drawn in the previous steps.
3. Mark the two crossings on side lines of Triangle-2 on 3b-3c as \*1 and \*2.
4. Mark the two crossings on side lines of Triangle-4 on 1b-1c as \*3 and \*4.
5. Mark the crossing of 6b-6c and 1a-2a as 7a.
6. Draw line from 7a crossing \*1 and \*3 up to square top line (7b).
7. Draw line from 7a crossing \*2 and \*4 up to square top line (7c).
8. Join 7b to 7c.

### Step-7

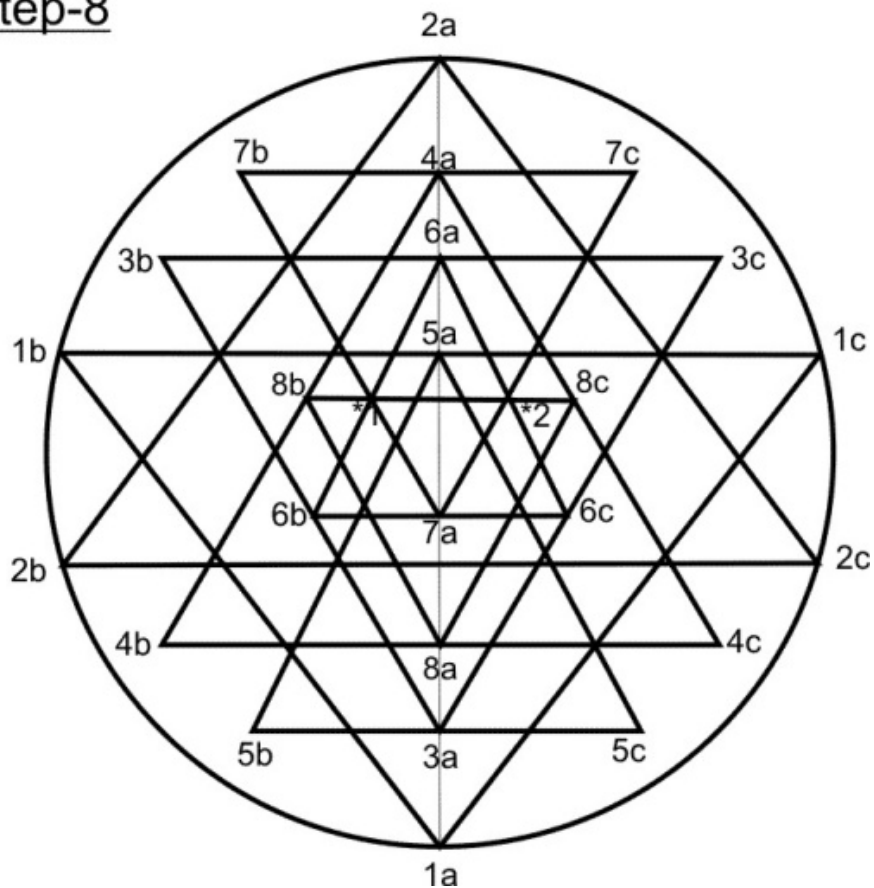


## Step-8: Triangle-8 with apex down

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1. Remove the temporary square and marks S1, S2, S3 and S4.
2. Remove the temporary marks \*1, \*2, \*3, and \*4 drawn in step-7.
3. Mark the crossing of 7a-7b and 6a-6b as \*1.
4. Mark the crossing of 6a-6c and 7a-7c as \*2.
5. Draw a line through \*1 and \*2 up to the side lines of Triangle-4 at points 8b and 8c.
6. Mark the crossing of 4b-4c and 1a-2a as 8a.
7. Draw lines from 8a up to 8b and 8c.

### Step-8



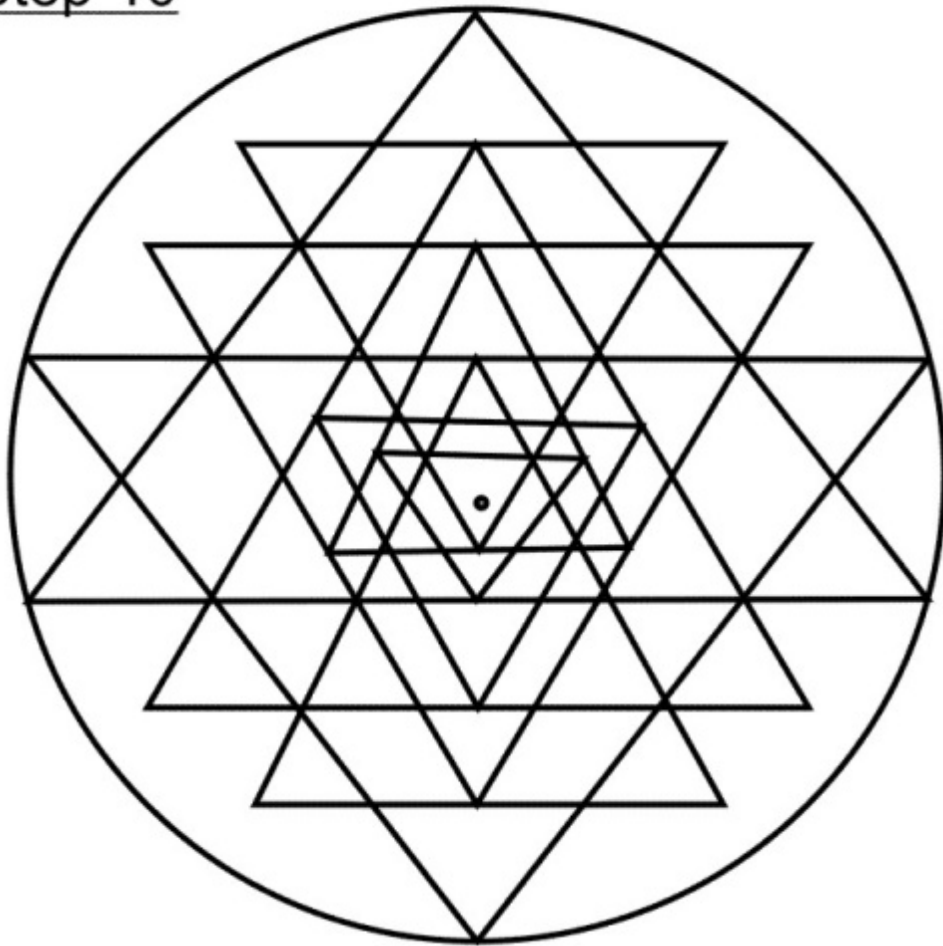


## Step-10: Bindu or point

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1. Draw Bindu or small circle in the center of the innermost triangle.
2. Remove all the marks and temporary lines.
3. This is the final lineal shape of 9 triangles and Bindu inside the inner circle of ShriYantra.

### Step-10



## Step-11: Color the inner part; draw 8 petals and color them

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1. Fill blue color in the 43 triangles and red color in other areas of the inner circle as shown here.
2. Draw a circle on outer side of the inner circle.
3. Draw 8 petals between the area of two circles as shown here.
4. Fill blue and green colors in the petals.

### Step-11

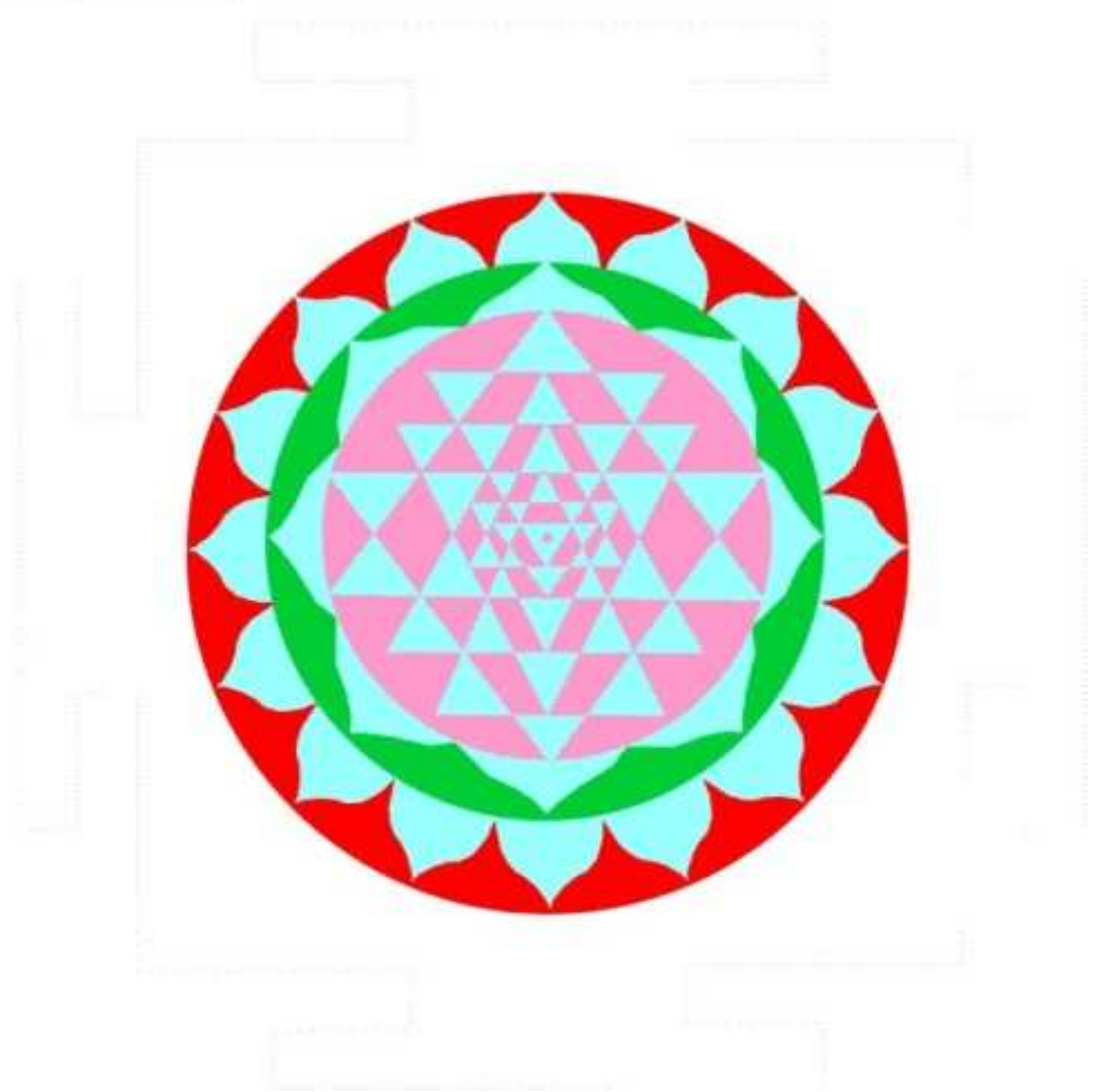


## Step-12: Draw 16 petals and color them

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1. Draw a circle on the outer side.
2. Draw 16 petals between the area of two outer circles as shown here.
3. Fill blue and red colors in the petals.

### Step-12





## Step-13: Draw 3 circles and color them

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1. Draw 3 circles on the outer side to make 3 rings.
2. Fill blue and purple colors in the 3 rings of the outer circles as shown here.

### Step-13



## Step-14: Draw Bhupur and color it

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1. Make a square close to the outermost circle.
2. Divide each side of square in 6 sections.
3. Draw the shape of Bhupur with 9 lines based on 6 sections on each side as shown here.
4. Fill yellow color in the Bhupur area.

### Step-14

