



Make a Snowflake

Snowflakes are crystals of pure ice. They can grow into trillions of possible formations, but almost all have six sides. Snowflakes form six-sided shapes thanks to the attraction between water molecules. When water freezes, the molecules spread out and arrange into the best fit—a hexagon shape. Make your very own six-sided snowflake to hang in a window!

Materials

Scissors

1 piece of printer paper

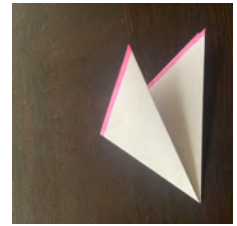
Directions

Follow along with the pictures to fold and cut your own six-sided snowflake! In the example, the cut edges of the paper are colored pink.

1. **Cut** your paper into a square.
2. **Fold** the square in half diagonally.
3. **Fold** the triangle in half.



4. **Fold** over one third of the triangle .



5. **Fold** over another third of the triangle. Your paper should look almost like an ice cream cone.



6. **Cut** the top edge off at an angle. Keep the bottom piece.



7. **Cut** small triangles or other shapes out of the edges of this new triangle.



8. Make sure to leave some space between the triangles as you cut.



9. **Unfold** the middle piece to reveal a six-sided snowflake!

10. **Repeat** this process as many times as you'd like to create a blizzard of snowflakes to display in a window!