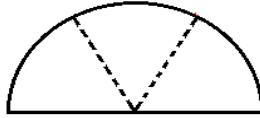


Folding Snowflakes

Directions for Folding and Cutting Snowflakes:

Here is a way to cut out snowflakes that have **SIX** sides:

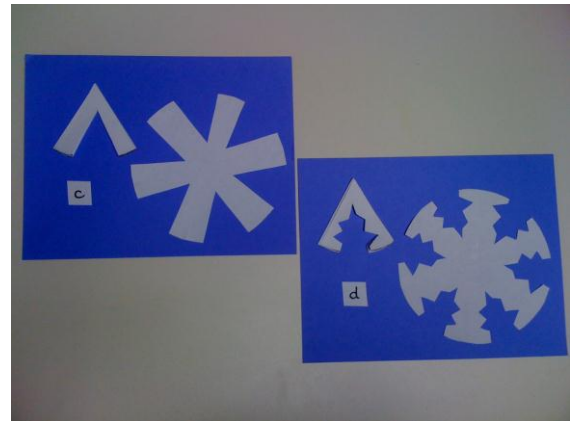
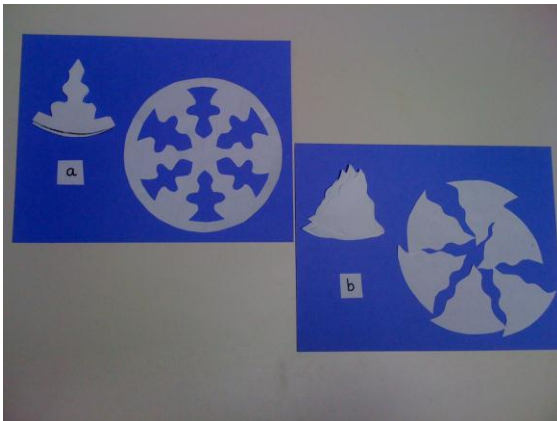
- 1- Cut out the big circle and fold it in half.
- 2- Fold the half into thirds. (If you open the circle you will see six sections!)
Note that older students can use a protractor to measure 60° central angles.



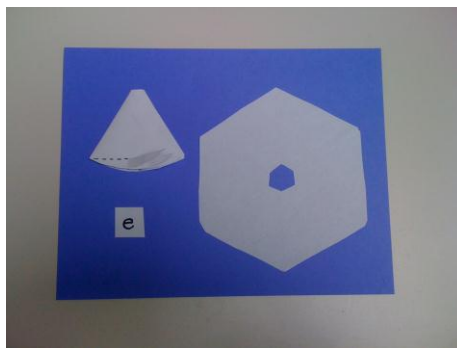
- 3- Now cut snowflakes. Each section of the circle will look like this:



- 4- Look at the pictures below for some ideas about how to cut your snowflake:
 - a- See what happens when you cut along the folds.
 - b- Remember not to cut all the way from top to bottom! (Try it and see what happens.)
 - c- See what happens if you cut a triangle in between the folds. (Not all the way to the center!)
 - d- See what happens if you make cuts along the two sides of the triangle.



- e- Remind yourself that a snowflake starts as a small hexagon crystal around a particle of dust. Cut off the tip of a section, and make the circular edge into a straight edge. Then open it up



- 5- Now make your own snowflakes! Have fun thinking up new ideas!

