

Origami Snowflake Puzzles Created by Rick Nordal.

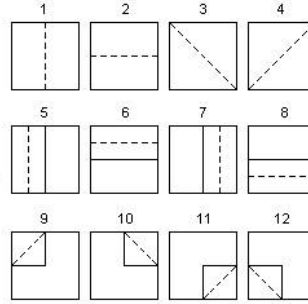


Fold a 3" x 3" paper into 32 triangles. The 32 triangle paper is then used to fold geometric snowflakes. When folding a snowflake the 32 triangle paper may be folded in any direction, but you must only use the "creases" that are on the paper. Can you fold all 252 snowflakes shown below? Be alert because 8 snowflakes are impossible to fold. There are only 2 different ways to fold snowflake L-7. Can you find the 2 different folding solutions? Each snowflake has its own unique "crease pattern". The crease pattern can be folded 2 different ways for only 3 snowflakes. Which 3 snowflakes are they? There are 3 snowflakes that are not shown below. Can you discover what these 3 snowflakes look like? A 32 triangle paper can be folded into 247 different geometric snowflake shapes. These origami puzzles will keep you entertained for hours. Good luck, and happy paper folding!

Your paper is now comprised of exactly 32 triangle parts and has 40 hinges or joints. Each joint holds 2 triangles together enabling all 32 triangles to swing relative to each other.



This is how you fold a square paper into 32 triangles. For each of the 12 diagrams shown below, fold paper along dotted line and then unfold. Crease each fold using your finger nail.



	1	2	3	4	5	6	7	8	9	10	11	12
A												
B												
C												
D												
E												
F												
G												
H												
I												
J												
	1	2	3	4	5	6	7	8	9	10	11	12
K												
L												
M												
N												
O												
P												
Q												
R												
S												
T												
	1	2	3	4	5	6	7	8	9	10	11	12
U												