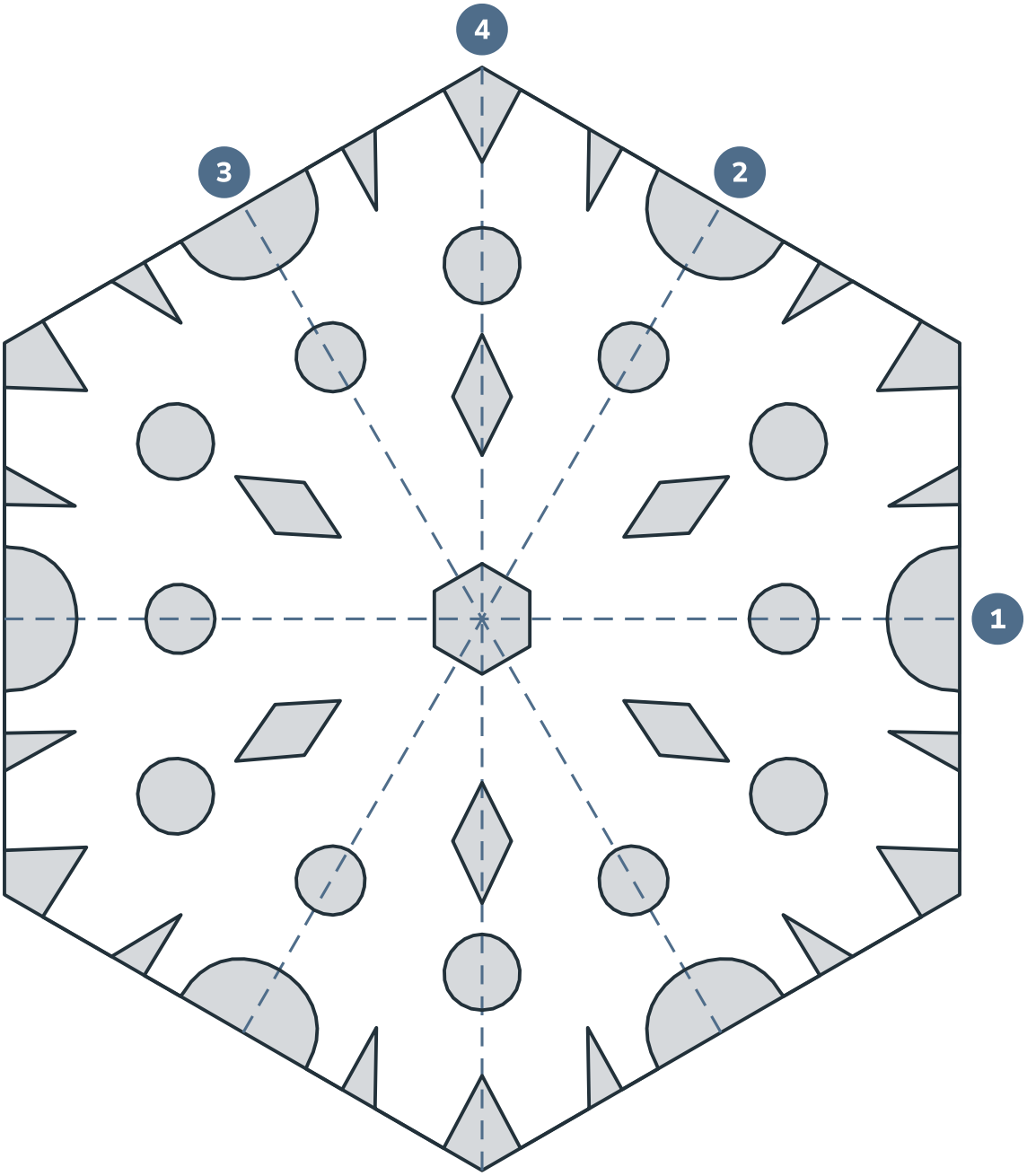
PROJECT 10 · SIX-POINT SNOWFLAKE

Six-point snowflake

cut
fold
cut away



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Six-point snowflake

Ages 8-12 | 20 min | Mess: Low | Thin copy paper

You need

- Printed hexagon on copy paper
- Sharp scissors

Skills practiced

- Precise folding
- Cutting through many layers

LESSON LINK

Real snow crystals have six-fold symmetry, which is why this flake has six points and not eight.

Grades: 3-6

Ties to: Science: water and ice crystals. Math: angles (6 x 60 degrees = 360).

Source: SnowCrystals.com (Caltech physicist Kenneth Libbrecht), https://www.snowcrystals.com/

Steps

1. Cut out the hexagon on its outside line.
2. Fold on line 1 with the printed side out. Keep the printing on the outside for every fold.
3. Fold on lines 2 and 3 into thirds, like a fan: one third forward, one third back.
4. Fold in half on line 4. You now have a thin wedge.
5. Cut away the gray parts you can see, through all the layers.
6. Unfold slowly and press it flat under a book.

Tip: Twelve layers is a lot of paper: thin copy paper works much better than construction paper.

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