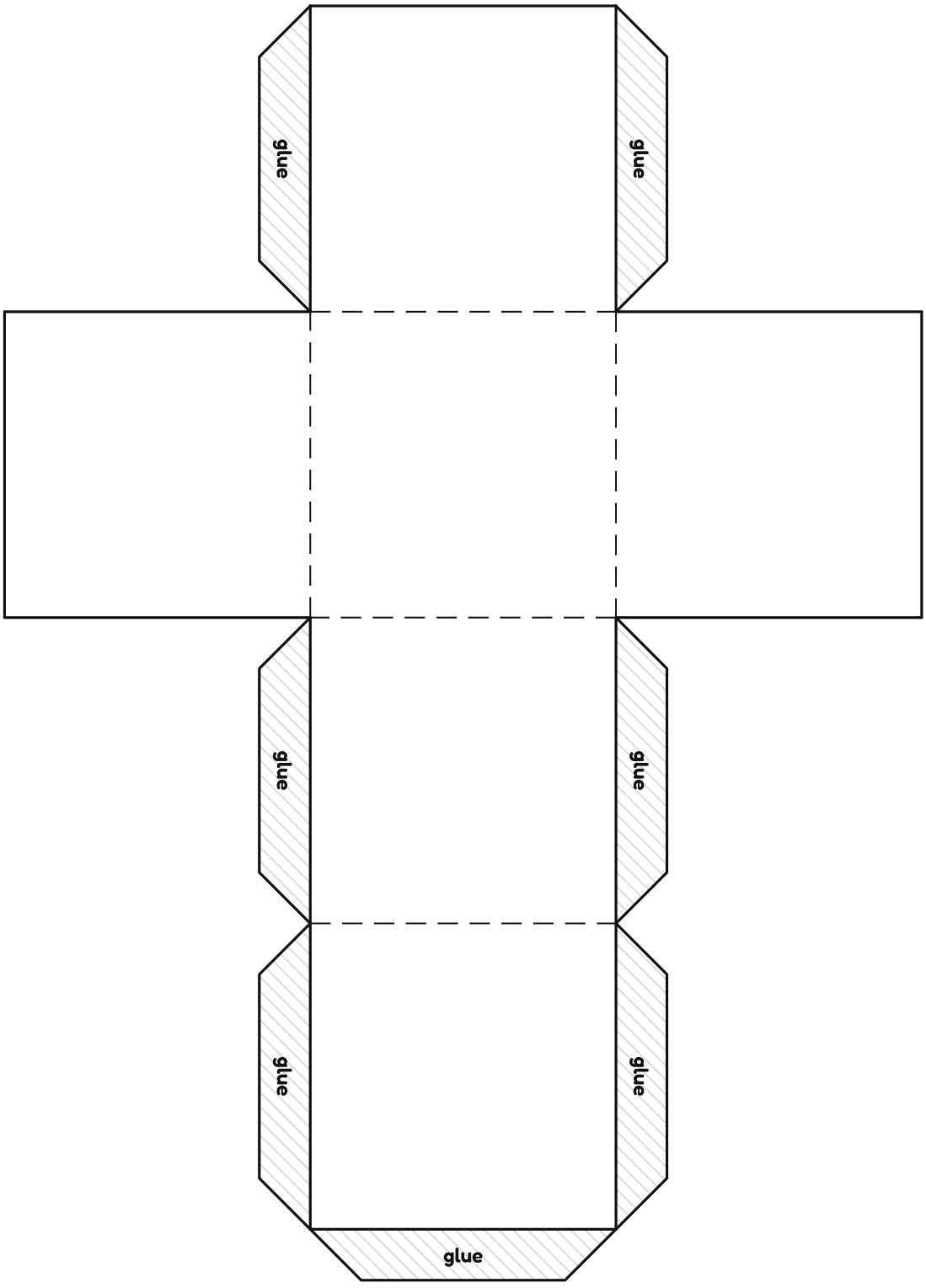
3D Shape Nets: Cube

Cut on the solid lines. Fold on the dashed lines. Glue each tab.

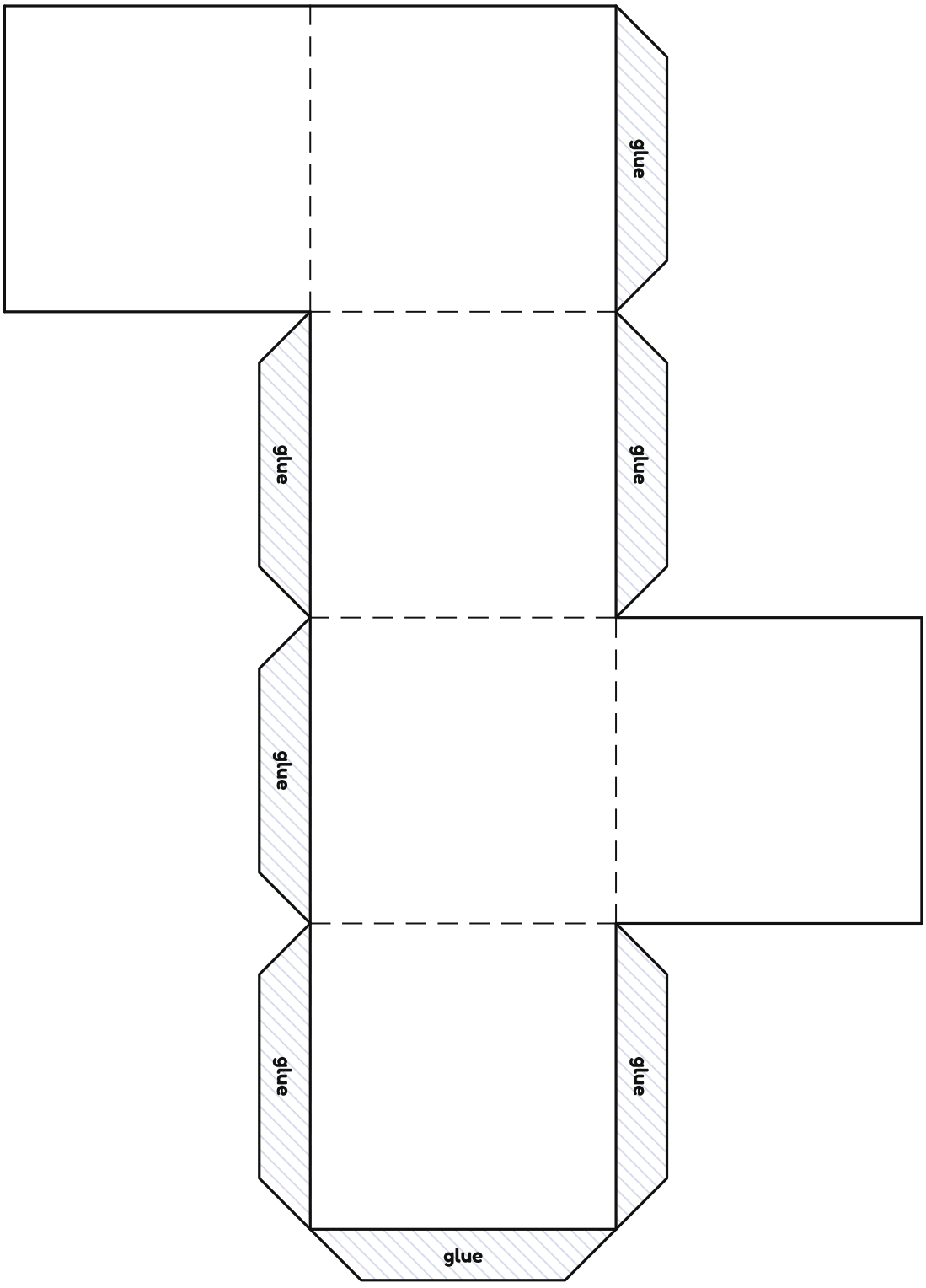
cube



3D Shape Nets: Cube, Another Net

A cube has 11 different nets, and this is another. Cut, fold and glue it.

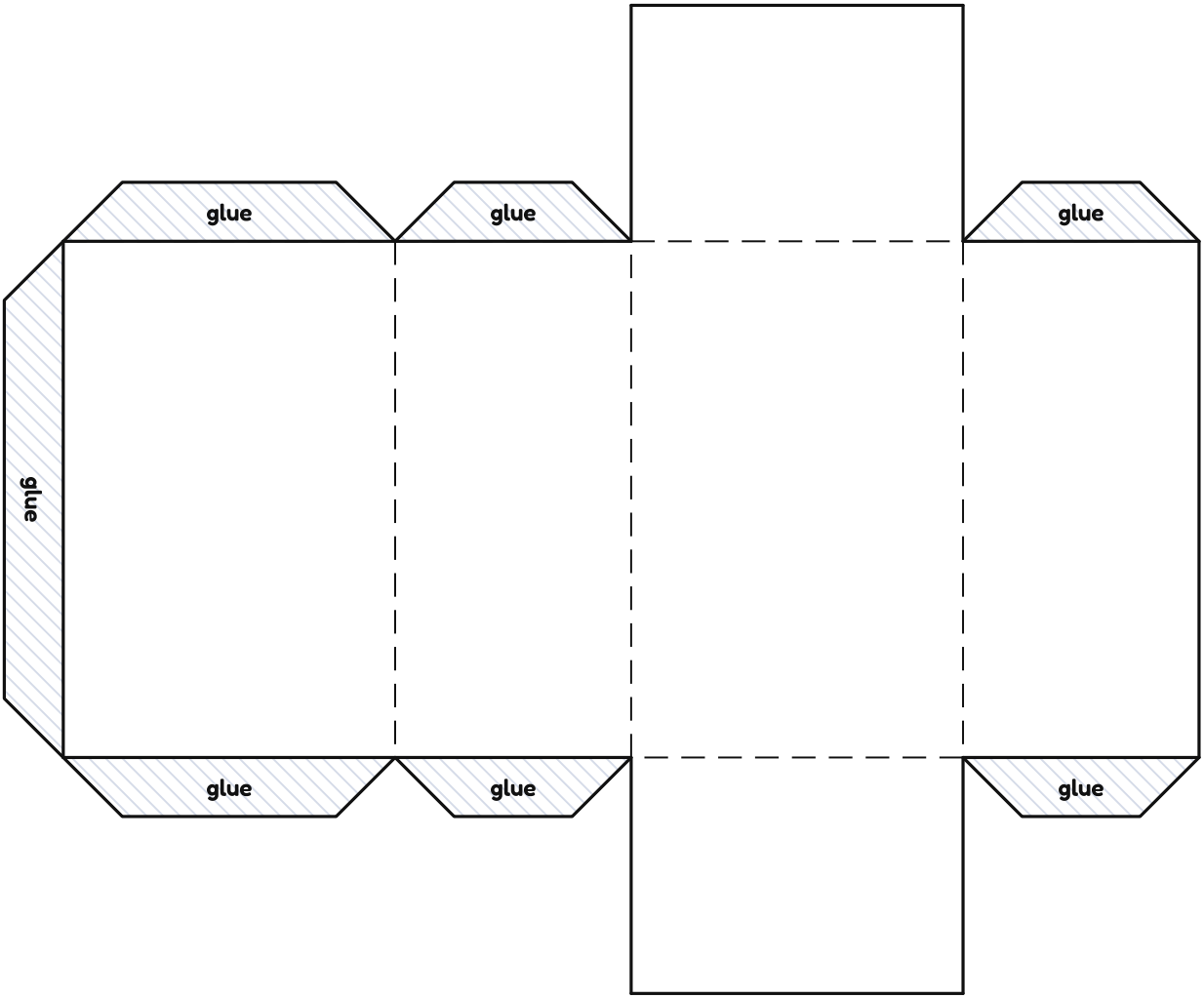
cube



3D Shape Nets: Rectangular Prism

Cut on the solid lines. Fold on the dashed lines. Glue each tab.

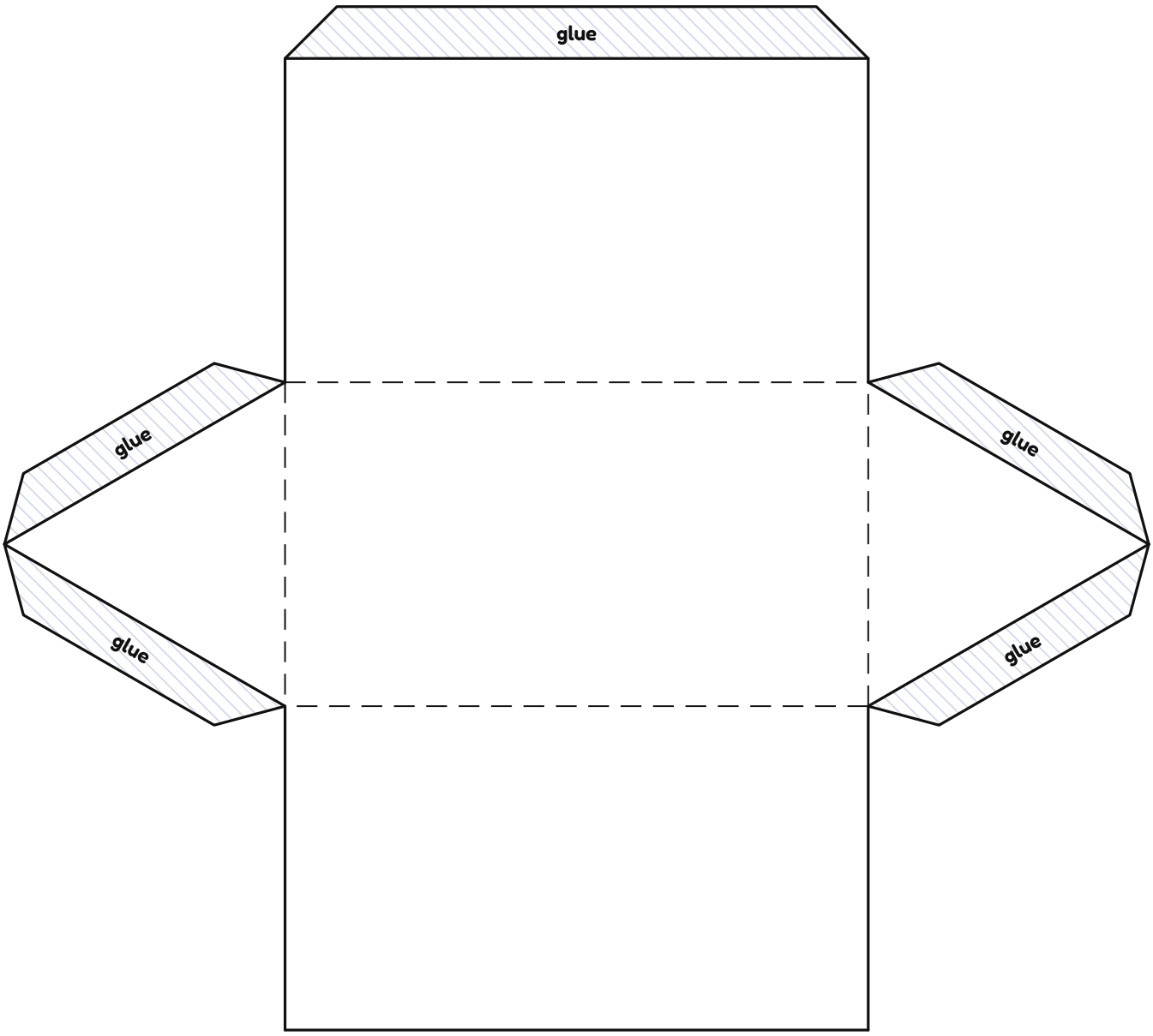
rectangular prism



3D Shape Nets: Triangular Prism

Cut on the solid lines. Fold on the dashed lines. Glue each tab.

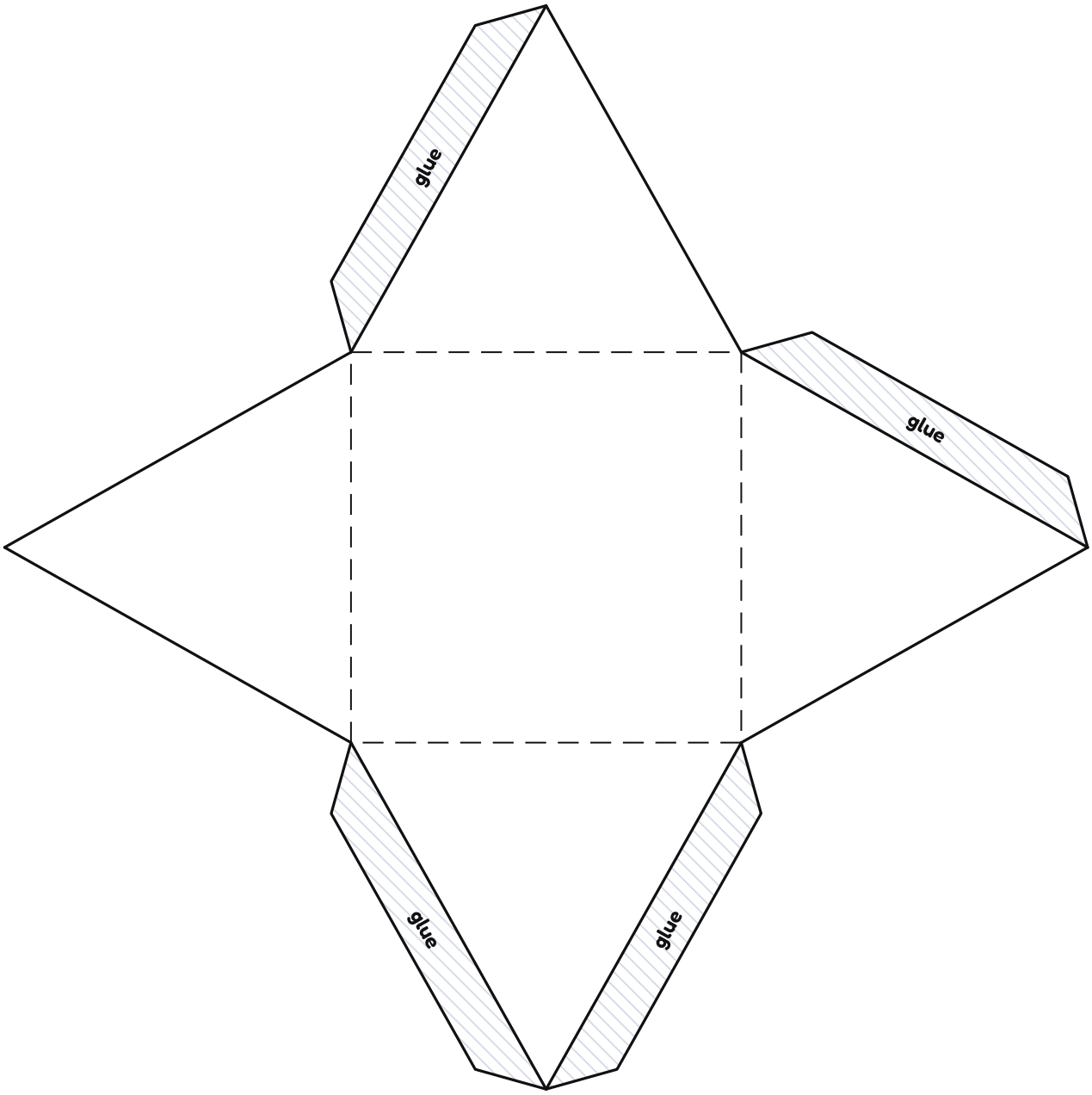
triangular prism



3D Shape Nets: Square Pyramid

Cut on the solid lines. Fold on the dashed lines. Glue each tab.

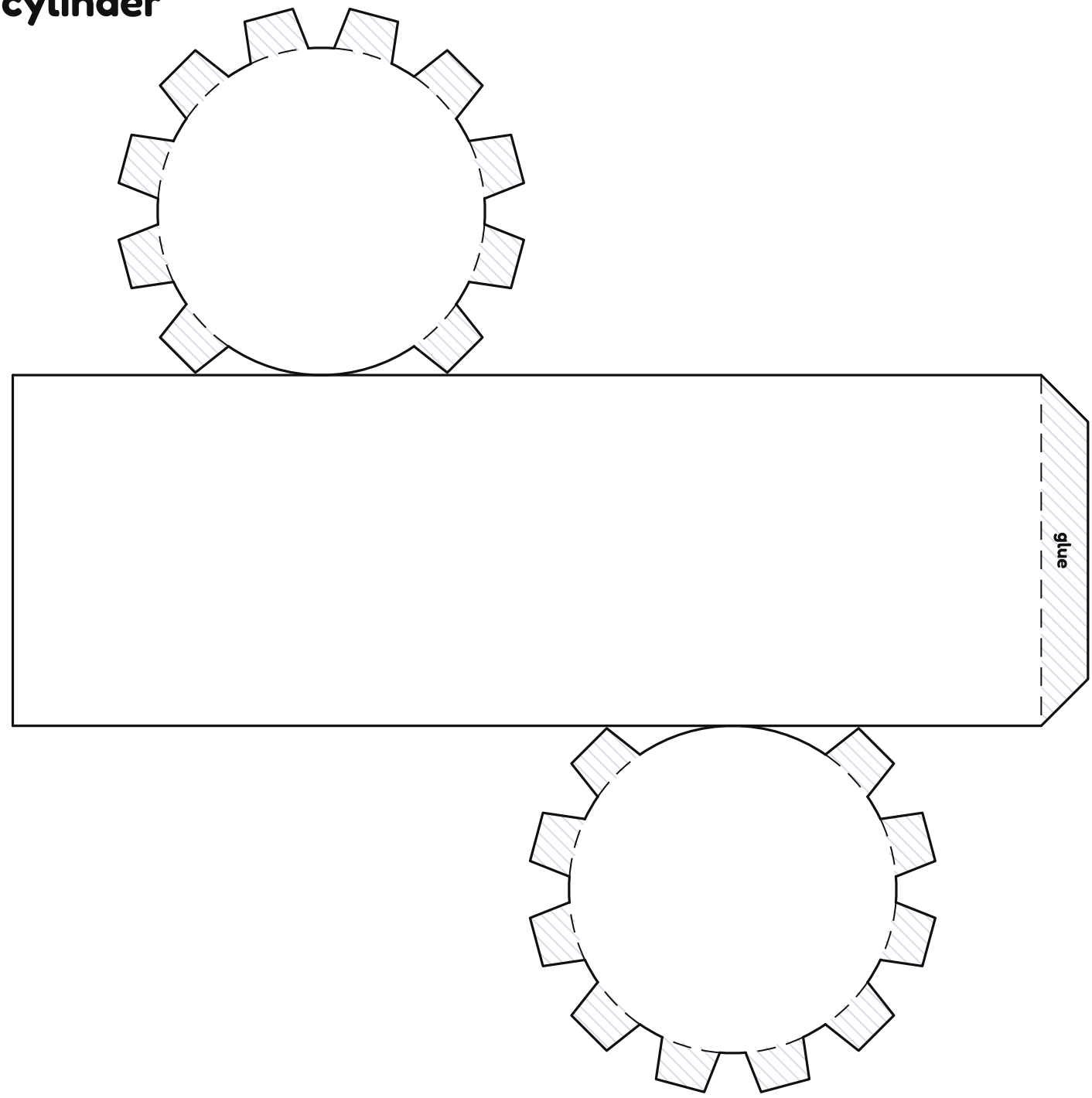
square pyramid



3D Shape Nets: Cylinder

Cut on the solid lines. Roll the rectangle into a tube, fold the tabs and glue.

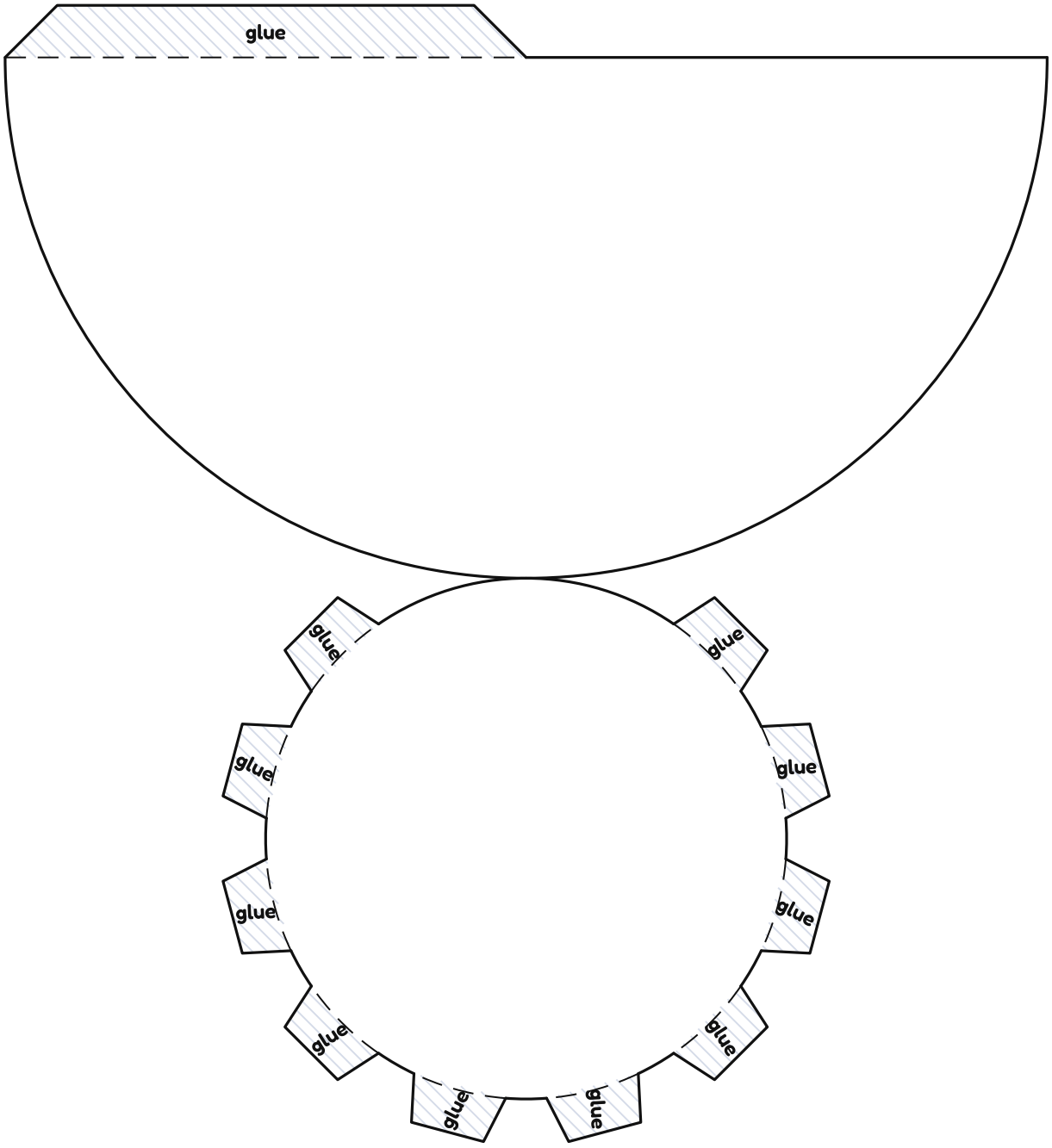
cylinder



3D Shape Nets: Cone

Cut on the solid lines. Curl the half circle into a cone, fold the tabs and glue.

cone



For Grown-Ups: How to Use These Nets

One net at a time, with scissors, glue, and card stock if you have it. For kindergarten to third grade.

Why use it

A net is a flat pattern that folds up into a 3D shape. Folding one shows a child that a solid is made of flat faces, the start of what schools call faces, edges, and vertices. Common Core leaves nets to sixth grade, so for a young child folding one is a hands-on activity, as the Progressions describe for first graders folding paper into a shape.

What it is good for

- Seeing the flat faces that make up a solid.
- Cutting, creasing, and gluing, as practice for the hand.
- A shape to hold while you count its faces, edges, and vertices.

How to use it

1. Start with the cube and go in page order: the cylinder and the cone are hardest.
2. Cut on the solid lines. For a kindergartner, the grown-up cuts and the child folds.
3. Crease every dashed line before gluing, by running a dry pen along a ruler.
4. Fold all the creases, then glue the tabs one at a time.
5. Once it is folded, count its faces, edges, and vertices together.

> **Try saying:** “A cube has 11 different nets. Does this one fold into a cube too?”

Tip: Schools count a cylinder's and a cone's edges differently, so when you count those two, use the words on your child's class chart.