The Four Types of Plane Symmetry
A symmetry is a move that doesn't change the size or shape of an object.

Basic move:
Reflection: mirror image, flip, or fold

A pattern has symmetry if it looks the same after a basic move
Reflection symmetry: looks the same after a flip

Rotation: turn
Rotation symmetry: looks the same after a turn

Translation: move, slide
Translation symmetry: looks the same after a slide

Glide reflection: slide, then flip
Glide reflection symmetry: looks the same after a slide and a flip

There are 7 different symmetric patterns in the border. Can you identify their symmetries?

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