Border Projects -- 2001

SEVEN TYPES OF BORDER SYMMETRY

mm -- crossline symmetry; centerline symmetry

lm -- no crossline symmetry; centerline symmetry

mg -- crossline symmetry; glide reflectional symmetry

by Alicia Divelbiss
1g -- no crossline symmetry; glide reflectional symmetry

12 -- no crossline symmetry; half-turn symmetry

11 -- no crossline symmetry; no additional symmetry

m1 -- crossline symmetry; no additional symmetry

by Alicia Divelbiss
Seven Types of Borders

**mm** - mm borders have centerline and crossline reflectional symmetry.

**mg** - mg borders have crossline and glide reflectional symmetry.

**m1** - m1 borders have crossline reflectional symmetry.

**1m** - 1m borders have centerline reflectional symmetry.

**1g** - 1g borders have glide reflectional symmetry.

**12-12** borders have half-turn symmetry.

**11** - 11 borders have translational symmetry only.

by Courtney Griffiths
The 7 Border Patterns

Crossline Symmetry and Centerline Symmetry

No Crossline Symmetry and Centerline Symmetry

No Crossline Symmetry and Half-turn Symmetry

Crossline Symmetry and Glide Reflectional Symmetry

by Molly Hazelip
No Crossline Symmetry and Glide Reflectional Symmetry

Crossline Symmetry and No Additional Symmetry

No Crossline Symmetry and No Additional Symmetry

by Molly Hazelip