Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Partner \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Partner \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Country Flags and Symmetry**

\_\_\_\_\_\_\_\_LT: I can express art through mathematics (symmetries).

Section One: Name a country \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_that has a flag with exactly four axes of reflection symmetry and exactly three rotation symmetries.

\*\*Do not include the image of the flag.

Section Two: List five countries whose flags have exactly two axes of reflection symmetry and one rotation symmetry.

|  |  |  |
| --- | --- | --- |
|  | Name of Country | Image of Flag |
| 1. |  |  |
| 2. |  |  |
| 3. |  |  |
| 4. |  |  |
| 5. |  |  |

Section Three: List five countries whose flags have exactly one axis of reflection symmetry and zero rotation symmetries.

|  |  |  |
| --- | --- | --- |
|  | Name of Country | Image of Flag |
| 1. |  |  |
| 2. |  |  |
| 3. |  |  |
| 4. |  |  |
| 5. |  |  |

Section Four: List five countries whose flags have no symmetry.

|  |  |  |
| --- | --- | --- |
|  | Name of Country | Image of Flag |
| 1. |  |  |
| 2. |  |  |
| 3. |  |  |
| 4. |  |  |
| 5. |  |  |