

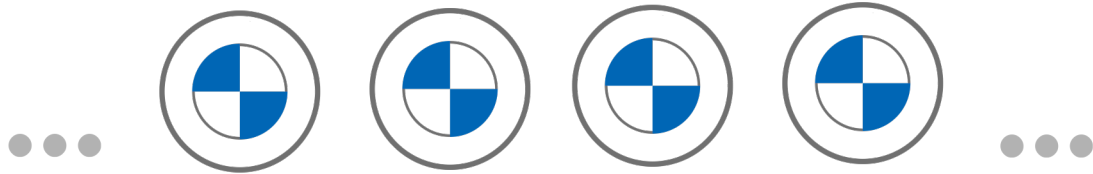
Challenge One

Frieze Groups

1. Translations Only



2. Translations and 180° Rotations Only



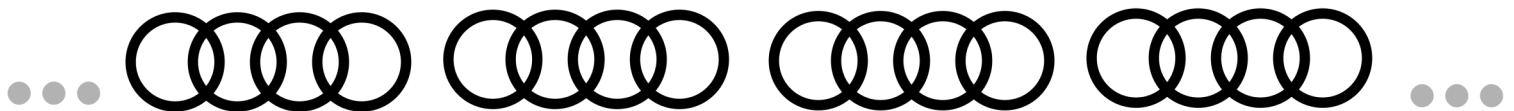
3. Translations and Horizontal Reflections Only



4. Translations and Vertical Reflections Only



5. Translations, Horizontal + Vertical Reflections and 180° Rotations



6. Translations, Vertical Reflections, 180° Rotations and Glide Reflections Only



7. Translations and Glide Reflections Only



Challenge 1.

Jan Kruszynski

1. Translations only.



2. Translations and 180° rotations only.



3. Translations and horizontal reflections only.

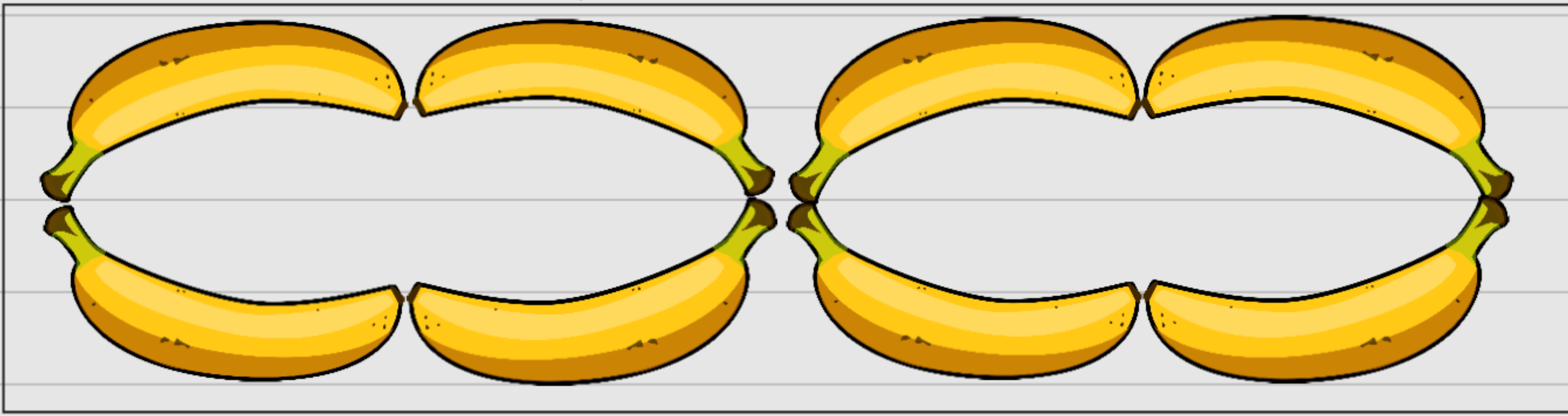


4. Translations and vertical reflections only.



5. Translations, horizontal and vertical reflections, and

180° rotations only.



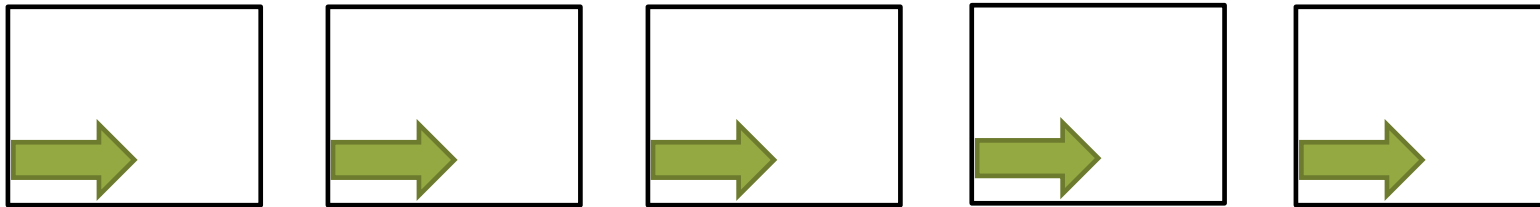
6. Translations, vertical reflections, 180° rotations, and glide reflections only.



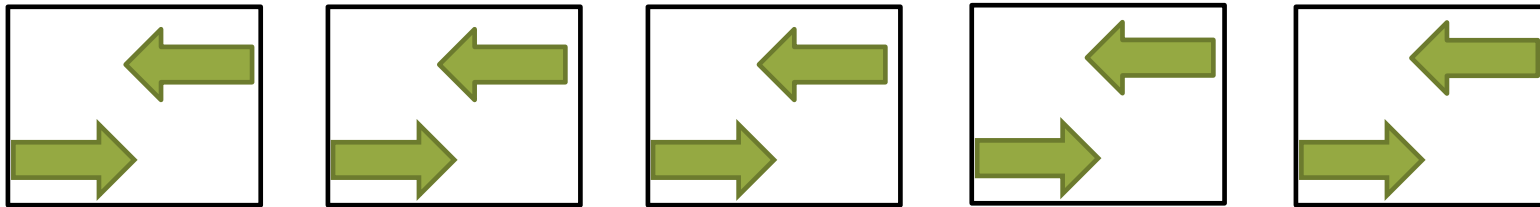
7. Translations and glide reflections only.



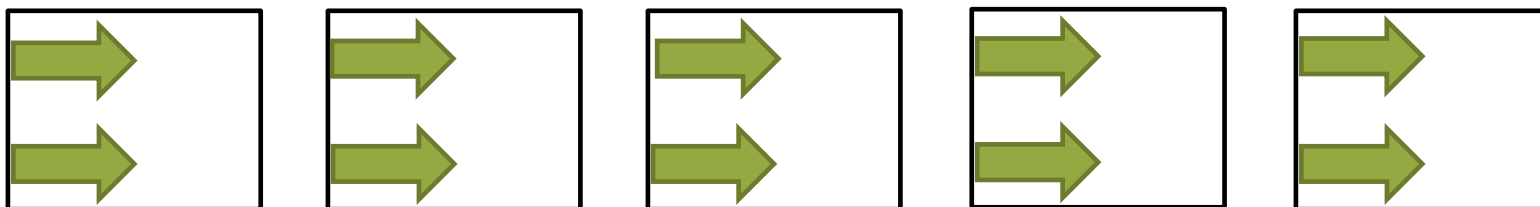
TRANSLATION ONLY



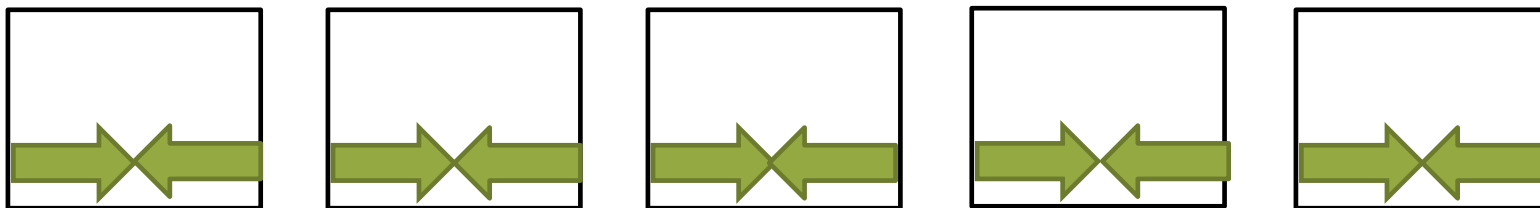
TRANSLATION AND 180 DEGREE ROTATION



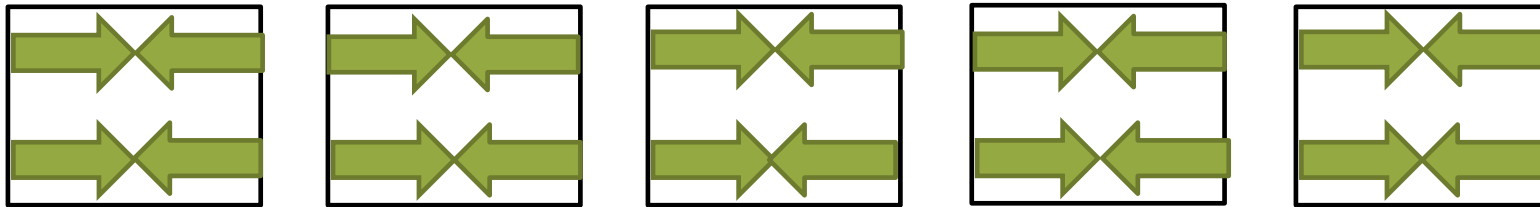
TRANSLATION AND HORIZONTAL REFLECTIONS



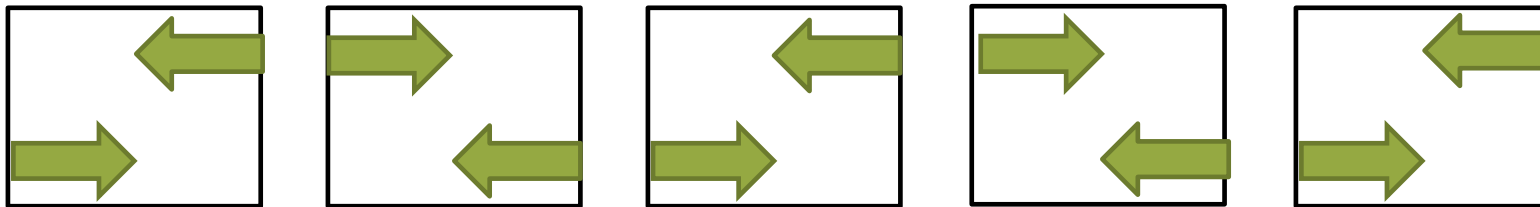
TRANSLATION AND VERTICAL REFLECTIONS



TRANSLATION, VERTICAL & HORIZONTAL REFLECTION, 180 DEGREE ROTATION



TRANSLATION, VERTICAL, GLIDE REFLECTION & 180 DEGREE ROTATION



TRANSLATION AND GLIDE REFLECTION

