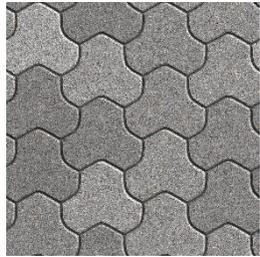


Lesson 8 Assessment

Exploring Tessellations

Exploring Tessellations

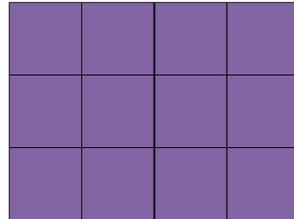
Recognizes tessellations



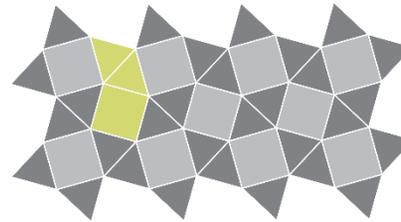
Same shape is repeated. It covers a surface with no gaps between them.

Identifies properties of tessellating shapes

A regular polygon will tessellate if 360° divided by the measure of each interior angle is a whole number. For example, the sum of the interior angles of a square is 360° .
 $360^\circ \div 90^\circ = 4$

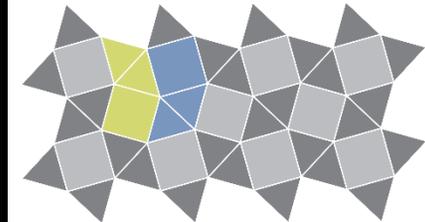


Identifies the tessellating tile used to create a tessellation



The tessellating tile is composed of a square and 2 equilateral triangles.

Identifies the transformations used to create a tessellation



Reflect the tile vertically in a horizontal line of reflection passing through the bottom right corner of the square. Then translate the shape right and up.

Observations/Documentation