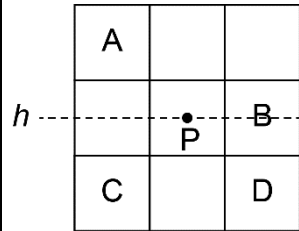# Activity 2 Assessment
Using Transformations to Describe Tessellations
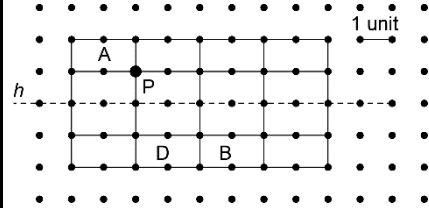
Using Transformations to Describe Tessellations

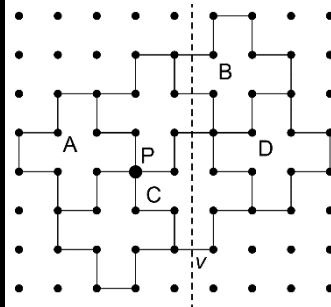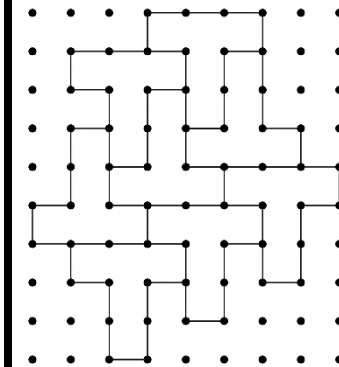| Identifies and describes transformations of a polygon in a tessellation	Identifies a combination of transformations in a tessellation	Creates a tessellation and describes the transformation(s)	Creates a new shape, then tessellates it
Square A is translated 2 units right, 1 unit down to its Image B. Square A is reflected in a horizontal line *h* to its Image C. Square A is rotated 180º about point P to its Image D.	Shape A is translated 4 units right, then reflected in line *h* to its Image B. Shape A is rotated 180º about point P, then translated 2 units down to its Image D.	Shape A is translated 4 units right and 2 units up to its Image B. Shape A is rotated 180º about point P to its Image C. Shape A is reflected in line *v* to its Image D.	I started with Shape A. I cut off 1 square and taped it to the opposite side. Then, I used the revised shape to create a tessellation.

Observations/Documentation