

Name: _____

Date: _____

BLM 1-9

Section 1.3 Math Link

This worksheet will help you with the Math Link on page 29.

1. Study the bead design on page 29 of the student resource. What type of transformation(s) do you see in this bead design? Check the one(s) you see:

translation

reflection

rotation

2. a) Copy the design onto a coordinate grid.

- b) Decide if you want to reflect or rotate the design to make a different pattern. Check one of the boxes below. Then read the instructions that go with that box and answer the question.

reflection

One side of the image must touch one side of the original design.

Where will the line of reflection be located? _____

rotation

One vertex of the image must touch one vertex of the original design.

Where will the centre of rotation be located? _____

3. When you have completed your reflection or rotation, describe the transformation you used.
