

Name _____ Per _____

LO: I can describe what a rigid transformation is and can recognize, name, and sketch the 3 types of rigid transformations.

DO NOW On the back of this packet

(1) **Notes:**

N9-10,
description
s, supplies

(a) Obtain notes pages N9/N10 and complete N10

(2) **Rigid Transformations Sort**

sort cards,
mira

(a) Obtain a set of figures for you and your partner/group.

(b) USE YOUR NOTES to sort the figures into groups of Reflections, Rotations, Translations, and Not a Rigid Motion

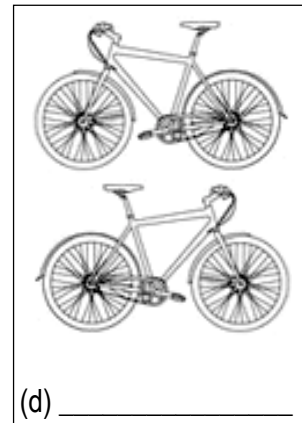
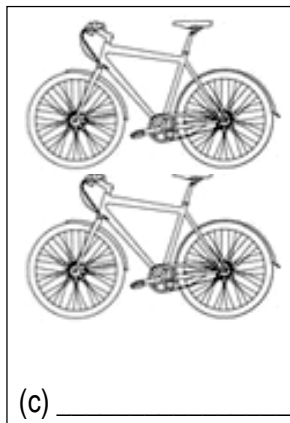
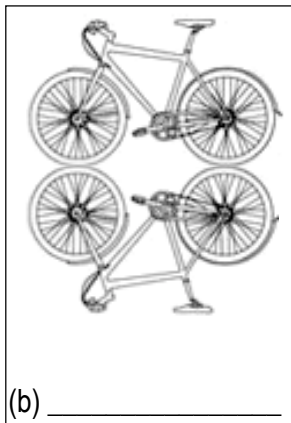
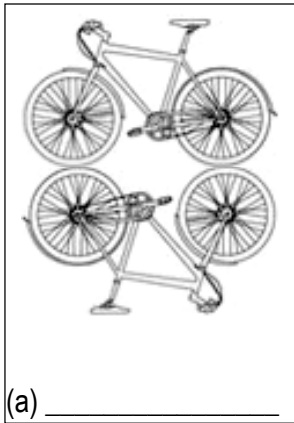
(c) Be prepared to share your arrangement with the class

(3) **Exit Ticket**

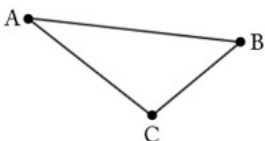
ON THE LAST PAGE

(4) **Homework**

(1) For each pair of bicycles, describe the relationship between them as a single reflection, rotation, translation, or not a single rigid motion.

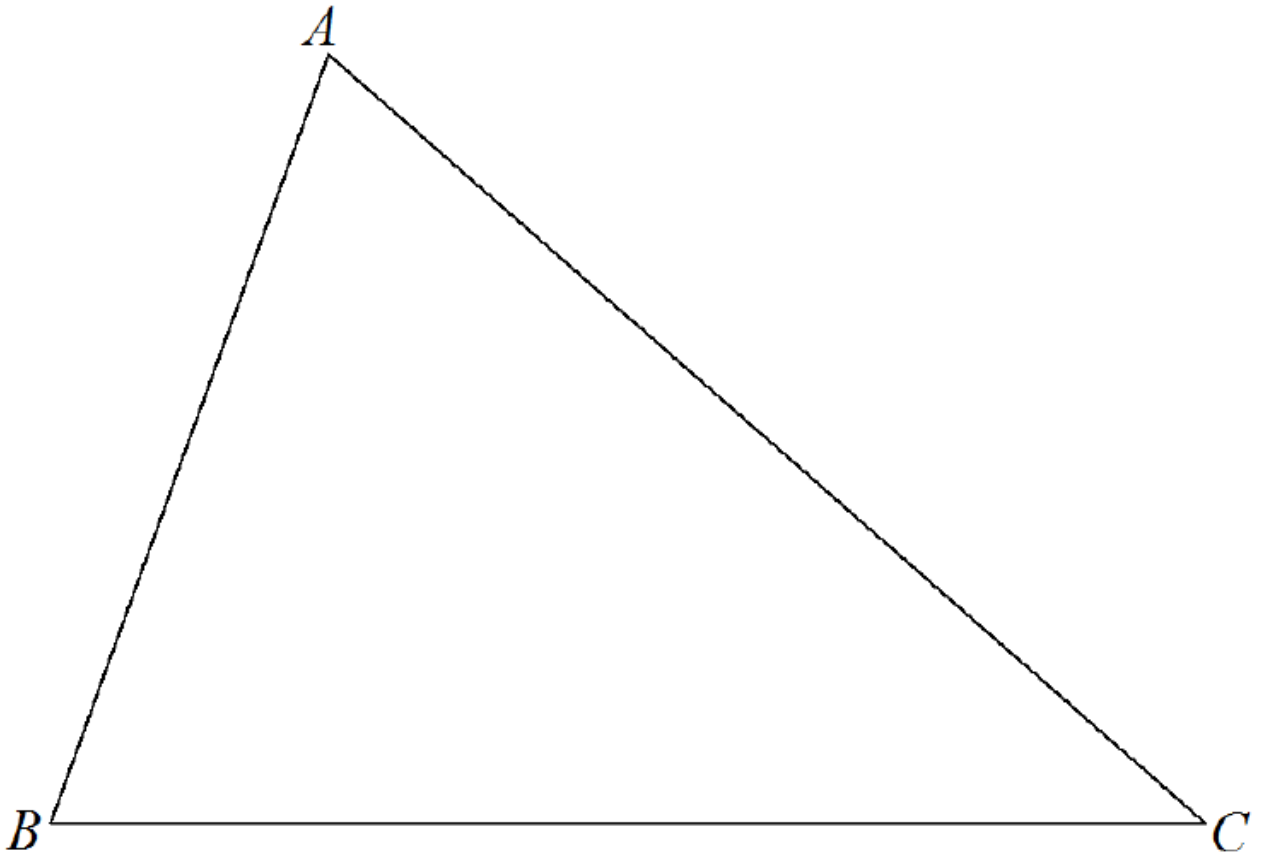


(2) Given the $\triangle ABC$, sketch a reflection $A'B'C'$, rotation $A''B''C''$, and translation $A'''B'''C'''$. (You may want to trace $\triangle ABC$ to help you.)



(4) cont,
compass
highligh-
ters

Homework
(3) Construct 3 perpendicular bisectors, one for each side of the triangle below.



Exit Ticket **Name** _____ **Date** _____ **Per** _____

9.1L

(1) The LO (Learning Outcomes) are written below your name on the front of this packet. Demonstrate your achievement of these outcomes by doing the following:

(a) Copy and complete the statement: *A rigid motion is* _____

(b) Name, sketch, AND describe the three rigid motions.

DO NOW Name _____ Date _____ Per _____

9.1L

(1) Write anything that comes to mind when you hear the word *transform*.

(2) Draw an angle and construct the bisector of the angle.

(3) What does the image below say? What makes it particularly interesting – meaning how do the words relate.



REALLY think about it.