Math 8
Lesson 9-4

Congruent Figures
Classwork

Name: $\qquad$
Date: $\qquad$ Per. $\qquad$

Use the following grid to answer questions $1,2, \& 3$.


1. Describe a sequence of rigid motion to show the two figures are congruent.
a) $\triangle A B C \cong \triangle A^{\prime} B^{\prime} C^{\prime}$
b) $\triangle D E F \cong \triangle D^{\prime} E^{\prime} F^{\prime}$
c) $H I J K \cong H^{\prime} I^{\prime} J^{\prime} K^{\prime}$
2. Create your own figure, make a series of motions ( 2 minimum) , and draw it its new location.

3. Are the following shapes congruent?

