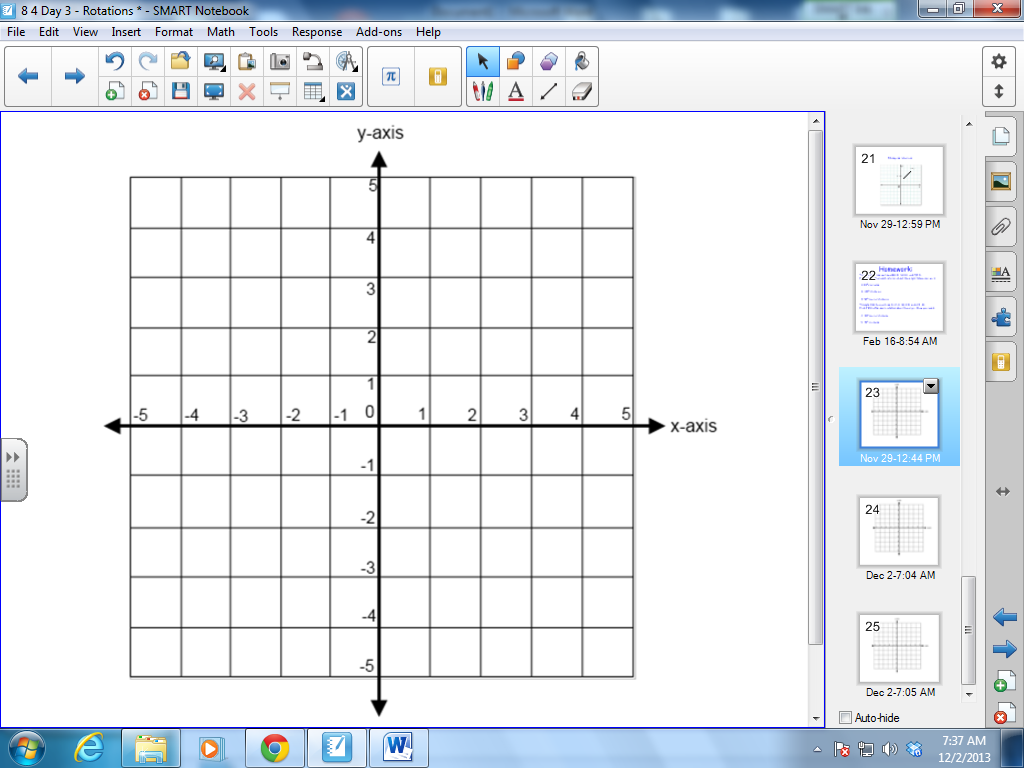
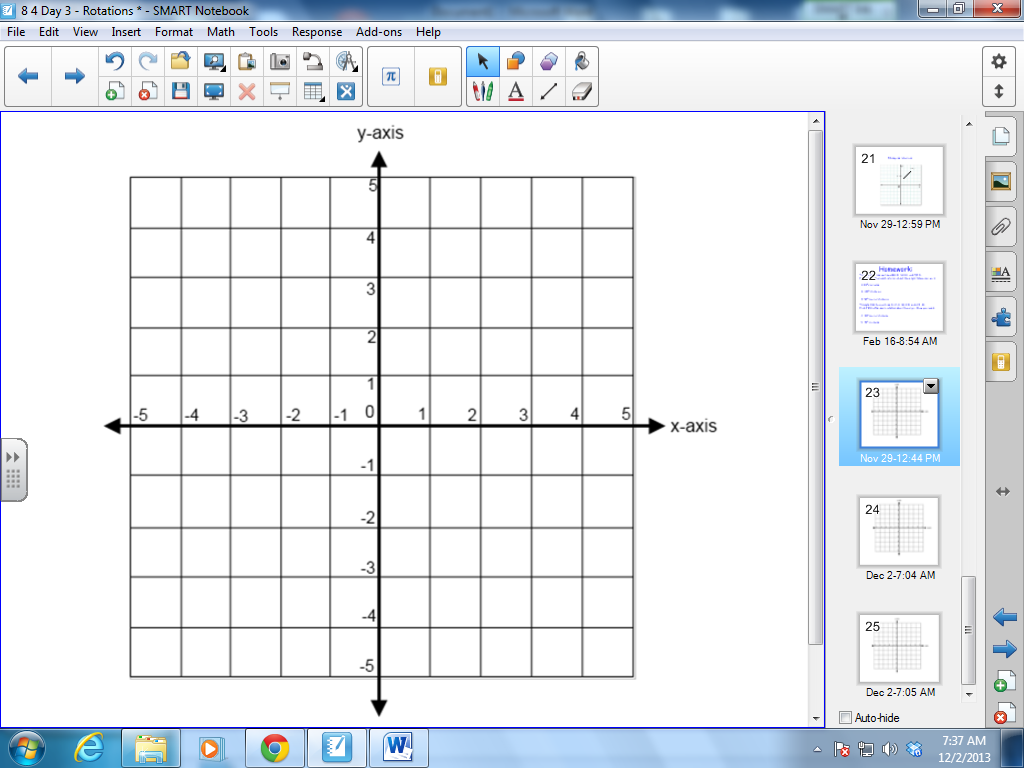
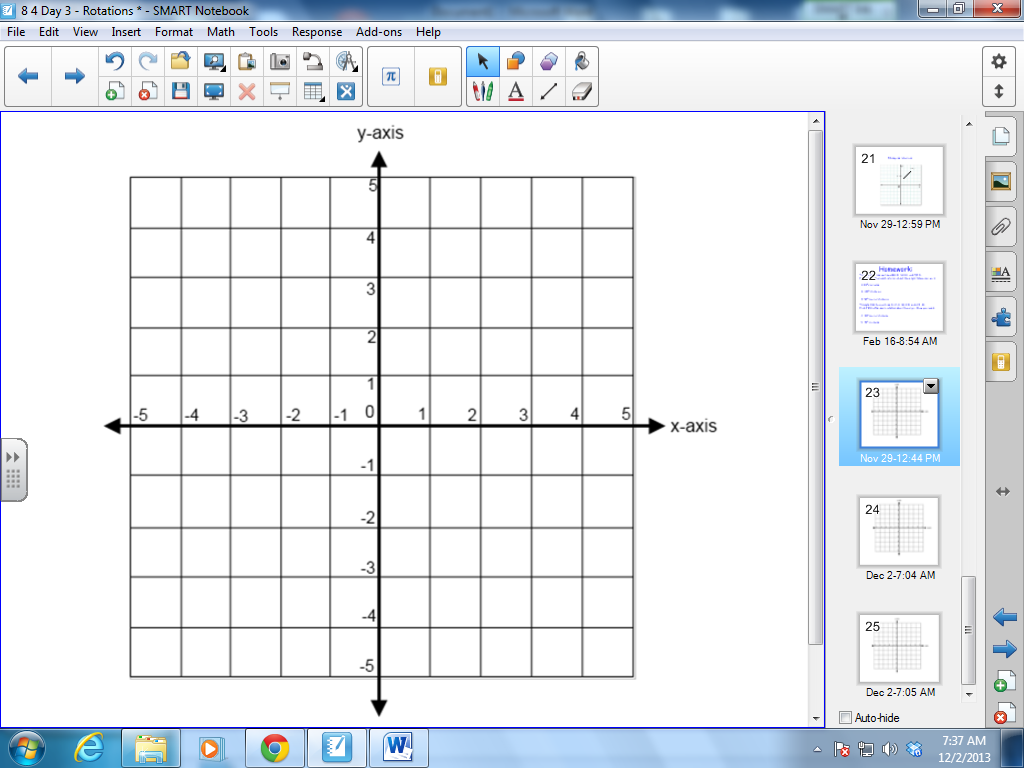
Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_\_

**Transformation Homework 1**

Triangle MNP has vertices M(1,4), N(3,1), and P(5,3).

Find M’N’P’ aftereach rotation about the origin. Show your work.

1. 90 degrees clockwise
2. 180 degrees clockwise
3. 90 degrees counterclockwise

Triangle ABC has vertices A(-2,-1), B(-1,3), and C(3,-2)

Find A’B’C’ after each rotation about the origin. Show your work.

1. 90 degrees counterclockwise
2. 90 degrees clockwise.
3. 180 degrees counterclockwise

