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| **UNIT 1: Transformations Fall 2016** | | **HOMEWORK** |
| 8/31  Wednesday | Vocabulary &Translations Pages 1-5  **Obj:** Use coordinates to develop function rules modeling translations centered at the origin  **EQ:** How do you construct the image of a figure under a translation? |  |
| 9/1  Thursday | Translations Pages 6-8  **Obj:** Use coordinates to develop function rules modeling translations centered at the origin  **EQ:** How do you construct the image of a figure under a translation? |  |
| 9/2  Friday | Reflections Pages 9-14  **Obj:** Use coordinates to develop function rules modeling reflections centered at the origin  **EQ:** How do you construct the image of a figure under a reflection?  **Begin Geometry STEM Project (due Sept. 23)** |  |
| 9/5  Monday | Labor Day Holiday |  |
| 9/6  Tuesday | Reflections Pages 15-19  **Obj:** Use coordinates to develop function rules modeling reflections centered at the origin  **EQ:** How do you construct the image of a figure under a reflection? |  |
| 9/7  Wednesday | Rotations Pages 20-23 *QUIZ*  **Obj:** Use coordinates to develop function rules modeling rotations centered at the origin  **EQ:** How do you construct the image of a figure under a rotation? |  |
| 9/8  Thursday | Rotations Pages 24-26  **Obj:** Use coordinates to develop function rules modeling rotations centered at the origin  **EQ:** How do you construct the image of a figure under a rotation? |  |
| 9/9  Friday | Early Release  Geometry STEM Project |  |
| 9/12  Monday | Compositions Pages 27-31  **Obj:** Explore the concept of function composition using successive application of two transformations  **EQ:** How do you construct the image of a figure under a composition? |  |
| 9/13  Tuesday | Dilations Pages 32-35 *QUIZ*  **Obj:** Use coordinates to develop function rules modeling dilations centered at the origin  **EQ:** How do you construct the image of a figure under a dilation? |  |
| 9/14  Wednesday | Review  Pages 36 - 40 |  |
| 9/15  Thursday | Test |  |
| 9/16  Friday | Geometry STEM Project |  |