8th Grade Unit 1A Math

Homework Packet

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_

\*\*\*YOU MUST SHOW ALL OF YOUR WORK FOR FULL CREDIT\*\*\*

|  |  |  |  |
| --- | --- | --- | --- |
|  **Student Learning Objective** | **Parent****Initials** | **Late** | **Great!** |
| **Lesson 8.1.2 Naming the Moves**Know the difference between translations, reflections, and rotations. Identify corresponding points before and after a transformation.  |  |  7 |  10 |
| **Lesson 8.1.3 Grid Moves**Use grids to carry out transformations of figures. Decide which type of transformations will move one figure to another. |  |   7 |  10 |
| **Lesson 8.1.4 Making the Moves**Use the terms translation, reflection, and rotation to precisely describe transformations.  |  |   7 |  10 |
| **Lesson 8.1.5 Coordinate Moves**Apply transformations to points on a grid given the coordinates.  |  |   7 |  10 |
| **Lesson 8.1.6 Describing Transformations**Apply transformations to a polygon on a grid given the coordinates of its vertices.  |  |  7 |  10 |
| **Lesson 8.1.7 No Bending or Stretching**Describe the effects of a rigid transformation on the lengths and angles in a polygon.  |  |   7 |  10 |
| **Lesson 8.1.8 Rotation Patterns**Describe how to move one part of a figure to another using rigid transformations.  |  |   7 |  10 |
| **Lesson 8.1.9 Moves in Parallel**Describe the effects of a rigid transformation on a pair of parallel lines. Find the measure of one vertical angle given the measure of the other.  |  |  |  |
| **Lesson 8.1.10 Composing Figures**Find missing side lengths or angle measures using properties of rigid transformations. |  |  7 |  10 |
| **Student Learning Objective**  | **Parent****Initials** | **Late** | **Great!** |
|  **Unit 1A Study Guide**• I can review and prepare for the unit 1A test. |  |  |  |

Homework Grade:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Earned Pts. | Possible Pts. | Fraction | Decimal | Percent (%) | HW Grade |
|  |  **100** |   |  |  |  |

Grading Policy:

Classwork & Participation: 10% Homework: 10% Tests & Quizzes: 80%

### Parent Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_