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\_\_\_\_\_\_\_\_\_\_\_\_