Foundations of Math I Unit 8 Study Guide

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| --- | --- |
| **Objective** | **Score** |
| 1 | A B NY |
| 2 | A B NY |
| 3 | A B NY |

ANSWERS:

|  |  |  |
| --- | --- | --- |
| **1.** | | |
| **2.** | | |
| **3.** | | |
| **4.** | | |
| **5.** | | |
| **6.** | | |
| **6/6 = 100** | **5/6= 85** | **4/6=70**  **0-3 = 50** |
| **7.** | | |
| **8.** | | |
| **9.** | | |
| **10.** | | |
| **11.** | | |
| **12.** | | |
| **6/6 = 100** | **5/6= 85** | **4/6=70**  **0-3 = 50** |
| **13.** | | |
| **14.** | | |
| **15.** | | |
| **16.** | | |
| **17.** | | |
| **6/6=100 5/6=85 4/6=70**  **0-3=50** | | |

May the force be with:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**OBJ. 1: Factoring Polynomials and Application I**

1**.**

2**.**

3.What is the perimeter of the rectangle that has an area of 7x +14? (**Factor by GCF to get the side lengths)**

4.

5.

6. (**gcf first**)

**OBJ. 2: Factoring Polynomials and Application II**

7**.** 

8.

9. (**gcf first)**

10.( **gcf first)**

11. Write a simplified expression for the perimeter of rectangle with an area of 3x2 – 2x – 5.

12. The volume of a rectangular prism is: 

Find the length, width and height of the prism**.**

**Objective 3: Mixed Factoring Calculator Inactive**

13. Factor: 14. Factor:

15. Factor: 16. Factor:

17. What is the value of “**z**” that makes the equation TRUE?