**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Has Grit           Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_**

**Analytic Geometry for College Graduates Day 35 HW**

**Unit 4: Extending the Number System | Topic:** Operations with Radical and Rational Exponents

**Simplify.**

1. 
2. 

**0**

1. 

**Simplify each expression. Assume all variables are positive.**

1. 

**64**

1. 

**32**

1. 
2. 
3. 
4. 
5. 
6. 
7. 

**Rewrite**:

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | 2. | 3. | 4. |
| 5. | 6. | 7. | 8. |
| 9. | 10. | 11. | 12. |
| 13. | 14. | 15. | 16. |