Math 3 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mod 2, Day 13 Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_

**Review #2**

|  |  |  |
| --- | --- | --- |
| 1. Solve for x. Check your solutions. | | |
| a) | b) | c) |
| d) | e) | f) |
| g) | h) | i) |
| j) | k) | l) |
| 2. Given  and , find: | | |
| a) | b) | c) |

|  |  |  |  |
| --- | --- | --- | --- |
| 3. Write the following roots as fractional exponents. | | | |
| a) | b) | c) | d) |
| 4. Rewrite each without the fractional exponent. | | | |
| a) | b) | c) | d) |
| 5. Solve for x. Be sure to give the exact and approximate answers. | | | |
| a) | b) | c) | d) |

|  |  |  |
| --- | --- | --- |
| e) | f) | g) |
| h) | i) | j) |
| k) | l) | m) |

6. Jackie deposits $300 into an account earning 3.5% annual interest, compounded quarterly. In how many years will the account have $5000.