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.