**Secondary Math 2 5.2 Homework Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_**

**Rational Exponents**

1. **Simplify each expression. Make sure all answers have no negative exponents.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| a) |  | b) |  | c) |  |

1. **Simplify each expression. Make sure all answers have no negative exponents.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| a) |  | b) |  | c) |  |

**Review Problems:**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Determine if the two triangles are similar. If so, write a similarity statement. |  | Solve for x and y: |
|  | Solve for x and y: |  | Find and . |

**Simplify each expression. Make sure all answers have no negative exponents.**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |