HW #11 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Rational Exponents and Solving Radical Equations

#1 – 2 Write in radical form and simplify. #3 -4 Write each using rational (fractional) exponents.

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| 1. | 2. | 3. | 4. |

Use your rules to write the expressions in exponential form.

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| --- | --- | --- | --- | --- |
| 5. | 6. | 7. | | 8. |
| 9. Simplify and state the excluded values | | | 10. Solve: | |
| 11. Simplify: | | | 12. Simplify: | |
| Don’t forget the questions on the back! ☺ | | | | |
| 13. Simplify: | | | 14. Simplify: | |