Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_

**15.2 – Simplifying Rational Exponents**

Rewrite each expression using rational (fractional) exponents.

|  |  |
| --- | --- |
| 1. | 2. |
| 3. | 4. |
| 5. | 6. |

Rewrite each expression using radical notation.

|  |  |
| --- | --- |
| 7. | 8. |
| 9. | 10. |

|  |  |
| --- | --- |
| 11. | 12. |

Evaluate each expression by rewriting in radical notation.

|  |  |
| --- | --- |
| 13. | 14. |
| 15. | 16. |
| 17. | 18. |