Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_ Period: \_\_\_\_\_\_ Date: \_\_\_\_\_

**7.2A NOTES – Finding Cube Roots**

\*\*\* start with lesson opener on back\*\*\*

VIDEO: <https://www.youtube.com/watch?v=87_qIofPwhg>

Copy examples 1-3, p. 296-7. Then do On Your Own #1 – 8

**EXAMPLE 1: Finding Cube Roots**

|  |  |  |
| --- | --- | --- |
| a.  | b.  | c.  |

**ON YOUR OWN**

|  |  |  |
| --- | --- | --- |
| 1.
 |  |  |

**EXAMPLE 2: Evaluating Expressions Involving Cube Roots**

|  |  |
| --- | --- |
|  | b.  |

**ON YOUR OWN. Evaluate the expression.**

|  |  |  |
| --- | --- | --- |
| 1.
 |  | 1.
 |

**EXAMPLE 3: Evaluating an Algebraic Expression**

|  |  |  |
| --- | --- | --- |
|  | 1. ;
 |  |

**ON YOUR OWN. Directions: Evaluate the expression for the given value of the variable.**

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

**BACK 🡪**

**Cubed Numbers and Their Roots**

|  |  |
| --- | --- |
|  |  & |
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|  |   |

HW: (7.2A) p. 298 #1, 9-12 ALL, 14, 18-20 ALL. (Solutions on p. A32)

*Objective: Evaluate cube roots of perfect cubes. Use cube roots to solve equations. (CCSS: 8.EE.2)*

Do in BIM. If you cannot, copy down the problem. Show your work. Check odd answers