Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ CCM8

Estimating Square and Cube Roots

Definitions

|  |  |
| --- | --- |
| Estimating |  |
| Rounding |  |

|  |  |
| --- | --- |
| VIC #1 |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | 22 | 32 | 42 | 52 | 62 | 72 | 82 | 92 | 102 |
|  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 112 | 122 | 132 | 142 | 152 |
|  |  |  |  |  |

Examples:

Estimate:

1. 
2. 
3. 
4. 
5. 

Simplify. Round your answer to the nearest hundredth.

1. 
2. 
3. 
4. 

Estimating cube roots:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | 23 | 33 | 43 | 53 | 63 | 73 | 83 | 93 | 103 |
|  |  |  |  |  |  |  |  |  |  |

Examples:

Estimate and then simplify. Round to the nearest hundredth.

1. 
2. 