**Math 10-C Investigate Negative Exponents Name: \_\_\_\_\_\_\_\_\_\_\_\_\_**

*Complete the chart by dividing each row by 2.*

|  |  |  |
| --- | --- | --- |
| **Exponential Form** | **Expanded Form** | **Value** |
| 23 |  | 8 |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

*Complete the chart by dividing each row by 3.*

|  |  |  |
| --- | --- | --- |
| **Exponential Form** | **Expanded Form** | **Value** |
| 32 |  | 9 |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Based on the patterns in the previous charts, please determine the value of the following:

  

  

  

  

  

  