|  |  |  |  |
| --- | --- | --- | --- |
| **Real Numbers around Us** | | | |
| Understands and describes irrational numbers  An irrational number is a decimal that does not terminate or repeat, e.g., ,  The Golden Ratio, 1.618 033 988 749 894 848 20... is an irrational number.  The Golden ratio appears frequently in geometry, art, and architecture. | Identifies the subsets of the set of rational numbers  The set of rational numbers contains natural numbers, whole numbers, integers, fractions, terminating decimals, and repeating decimals. | Understands that rational numbers and irrational numbers make the set of real numbers.  All numbers can be described as rational or irrational. | Compares and orders real numbers  Order:  1.85, –,, –2., 7, 0  From least to greatest:  –, –2., 0, 1.85, , 7 |
| **Observations/Documentation** | | | |
|  |  |  |  |