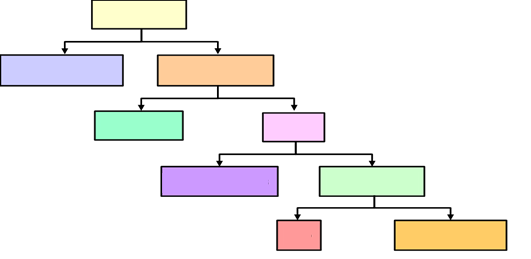
1. Place each number in the most SPECIFIC categories of real numbers they belong.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  | |  |  |  |  |  |  | |
|  | |  |  |  | |  |  |  |  |  |  | |
|  | Real Numbers : | | | |  | | | | | | |
|  | Irrational Numbers : | | | |  | | | | | | |
|  | Rational Numbers : | | | |  | | | | | | |
|  | Non-integers : | | | |  | | | | | | |
|  | Integers : | | | |  | | | | | | |
|  | Negative Numbers : | | | |  | | | | | | |
|  | Whole Numbers : | | | |  | | | | | | |
|  | Zero : | | | |  | | | | | | |
|  | Natural Numbers : | | | |  | | | | | | |

1. Complete the diagram with the family of real numbers.

3. Represent the following with integers.

|  |  |  |
| --- | --- | --- |
| a. | An increase of $10 weekly allowance |  |
| b. | Raising the flag 3 feet higher |  |
| c. | Diving 150 meters below sea level |  |
| d. | Going down the stairs 15 steps |  |
| e. | Walking 10 blocks south |  |
| f. | Weight increase of 1.5 kilograms |  |
| g. | A bank deposit of $1000 |  |
| h. | $100 Tom owes from a friend |  |

1. Arrange the following real numbers as instructed.
2. Descending
3. Ascending
4. Name the coordinates of the points graphed on each number line.

|  |  |
| --- | --- |
|  | **2**  **3**  **4**  **5**  **6**  **1**  **0**  **-1**  **-2** |
|  | **0**  **-1**  **-2** |

1. Graph each set of numbers.

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

1. Find each absolute value.

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