**The Real Number System (Answers)**

Directions: The chart below represents the Real Number System. Use the word bank to label each section with the correct subset of Real Numbers. Then using the number bank place the numbers in the correct box.

|  |  |  |  |
| --- | --- | --- | --- |
| **Word Bank**1. Natural Numbers
2. Irrational Numbers
3. Integers
4. Whole Numbers
5. Rational Numbers
 | **Number Bank**1. 152
2. $π$
3. 0.75
4. $\sqrt{10}$
5. $\frac{5}{8}$
 | 1. 1,2,3,...
2. -5
3. $-\frac{10}{5}$
4. 0.10100100...
5. $\frac{1}{2}$
 | 1. $\sqrt{1.6}$
2. 0
3. $\sqrt{\frac{2}{3}}$
4. $\sqrt{25}$
5. 0.37
 |

**Irrational Numbers**

$$π$$

$$\sqrt{10}$$

0.10100100...

$$\sqrt{1.6}$$

$$\sqrt{\frac{2}{3}}$$

**Rational Numbers**

0.75 $\frac{5}{8}$ $\frac{1}{2}$ 0.37

**Integers**  -5 $-\frac{10}{5}$

152 0 $\sqrt{25}$

**Whole Numbers**

**Natural Numbers**

{1, 2, 3,...}