**1.1 Real Numbers and Number Operations**

**Counting Numbers:**

**Whole Numbers:**

**Integers:**

**Rational Numbers:**

**Irrational Numbers:**

**Graph the numbers on a number line. Then write the numbers in increasing order.**

**1.)** 2.7, -$ \frac{4}{3}$ , $\sqrt{2}$

**Properties of Addition and Multiplication**

|  |  |  |
| --- | --- | --- |
|  | **Addition** | **Multiplication** |
| **Closure** |  |  |
| **Commutative** |  |  |
| **Associative** |  |  |
| **Identity** |  |  |
| **Inverse** |  |  |
| **Distributive** |  |

**Operations:**

|  |  |
| --- | --- |
| **3.)** The difference of 7 and -10 is: | **4.)** The quotient of -24 and $\frac{1}{3}$ is: |