***The Language of Mathematics***

**Math** short for mathematics

**+** How do we speak or read this? **plus**

Function: **addition (add)**

Answer is called the **sum** or **total.**

**-** How do we speak or read this? **minus** or **take away**

Function: **subtraction (subtract)**

Answer is called the **difference.**

**x** How do we speak or read this? **times** or **multiplied by**

Function: **multiplication (multiply)**

Answer is called the **product** or **total.**

**÷** / How do we speak or read this? **divided by**

Function: **division (divide)**

Answer is called the **quotient.**

**=** / **\_\_\_\_** How do we speak or read this? **equals**

**.** How do we speak or read this? **point** Example: **.25** (point two five)

Used with: **decimals**

Another way of expressing fractions or percentages.

**%** How do we speak or read this? **percent** Example: **25%** (25 percent)

Used with: **percentages**

Another way of expressing fractions or decimals.

**Fractions: ¼** How do we speak or read this? **one quarter**

**½** How do we speak or read this? **one half**

**¾** How do we speak or read this? **three quarters**

 **Fractions Percentages Decimals**

 ¼ 25% .25

 ½ 50% .5

 ¾ 75% .75

**Examples:**

|  |  |
| --- | --- |
|  *Addition:*  5 5 + 2 = 7  + 2   7 **5 plus 2 equals 7.**  |  *Subtraction:* 5 5 – 2 = 3 - 2   3 **5 minus 2 equals 3.** |
|  *Multiplication:*5 5 x 2 = 10 x 2  10 **5 times 2 equals 10.** **5 multiplied by 2 equals 10.** |  *Division:* 5 2 10 10 ÷ 2 = 5  **10 divided by 2 equals 5.** |
|  *Percentages:*25% **25 percent** (¼)50% **50 percent** (½) |  *Decimals:* .25 **point two five** (¼) .5 **point five** (½) |