***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) |