

## **Basic Arithmetic**

by Sarena Hayer, 2007 India Volunteer Alum

**Definition:** arithmetic is the result of adding two or more numbers together

Topic #1: Counting Each Object One-by-One

For example:

To solve this problem, number each ring orally to count them up...

Use your fingers as you count the rings as a visual aid.

## Exercises:

**More Exercises:** 

<u>Problems</u> Answers

$$3 + 4 = 7$$

# Topic #2: Adding Two-Digit Numbers

To solve this problem, split the numbers into two separate columns and add each column.

# **Exercises:**

Prob	Answers			
13	+	14	=	17
29	+	10	=	39
12	+	47	=	59

Topic #3: Carrying Over Sums



To add two digit numbers when the sum of the ones column exceeds 9, carry over the tens digit of the sum.

(carry over the one to the tens column)

the one that is carried over  $\implies$  1

18  $\frac{+4}{22}$ 

# **Exercises:**

Prob	lems		Answers
34	+	16 =	50
42	+	19 =	61