

**P.S. 103**  
**Math Family Letter**

**Grade 1: Unit 2**  
**Addition and Subtraction Concepts**

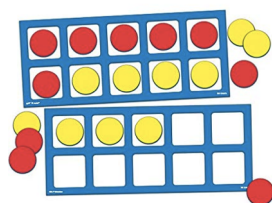


**Student Learning Goals:**

- I can retell, model, and solve addition word problems using tools and drawing models.
- I can retell, model, and solve subtraction word problems using tools and drawing models.

**Tools/Models/Strategies**

**Ten Frames/Counters**



$$6 + 7 = 13$$

**Hundreds Chart**

100's Chart

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

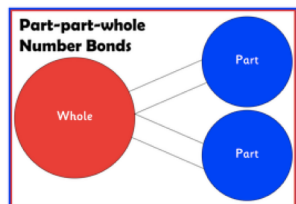
I can count by 5s using this chart.

**Snap Cubes**



$$4 + 5 = 9$$

**Part-Part-Whole Mats/Number Bonds**

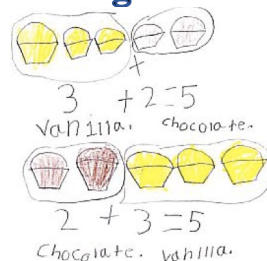


**Part-Part-Whole Mat**

Part	Part
Whole	

Number Sentence:  
\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

**Drawing a Sketch**



**Examples of problem types:**

Adding to	5 boys are in line to go to lunch. 3 girls join them in line. How many children are in line?
Putting together	There are 6 chocolate chip cookies and 4 sugar cookies on a plate. How many cookies are on the plate?
Take from	There were 9 kids on the bus. 4 kids got off the bus. How many kids are still on the bus?

**Key Vocabulary:**

- Add, adding to, putting together, joining, equal to, the same amount as
- **Addend + addend = sum, equation, unknown**
- Addition, equivalent, counting all, counting on, decomposing, making ten, doubles, think addition
- Subtraction, taking apart, taking from, counting back, counting forward