



Addition & Subtraction Strategies

Grades K-2

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1. Zero Property
2. Commutative Property
3. + 1, +2
(Counting On)
4. +10

72 Known Facts
28 Facts to Go

+	0	1	2	3	4	5	6	7	8	9	10
0	0	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10	11
2	2	3	4	5	6	7	8	9	10	11	12
3	3	4	5								13
4	4	5	6								14
5	5	6	7								15
6	6	7	8								16
7	7	8	9								17
8	8	9	10								18
9	9	10	11								19
10	10	11	12	13	14	15	16	17	18	19	20

1. Zero Property
2. Commutative Property
3. + 1, +2
(Counting On)
4. +10
5. Doubles

79 Known Facts
21 Facts to Go

+	0	1	2	3	4	5	6	7	8	9	10
0	0	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10	11
2	2	3	4	5	6	7	8	9	10	11	12
3	3	4	5	6							13
4	4	5	6		8						14
5	5	6	7			10					15
6	6	7	8				12				16
7	7	8	9					14			17
8	8	9	10						16		18
9	9	10	11							18	19
10	10	11	12	13	14	15	16	17	18	19	20

1. Zero Property
2. Commutative Property
3. + 1, +2
(Counting On)
4. +10
5. Doubles
6. Subitizing on Ten Frames & Combos to 10

83 Known Facts
19 Facts to Go

+	0	1	2	3	4	5	6	7	8	9	10
0	0	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10	11
2	2	3	4	5	6	7	8	9	10	11	12
3	3	4	5	6				10			13
4	4	5	6		8		10				14
5	5	6	7			10					15
6	6	7	8		10		12				16
7	7	8	9	10				14			17
8	8	9	10						16		18
9	9	10	11							18	19
10	10	11	12	13	14	15	16	17	18	19	20

1. Zero Property
2. Commutative Property
3. + 1, +2
(Counting On)
4. +10
5. Doubles
6. Subitizing on Ten Frames & Combos to 10
7. Doubles plus
8. Memorize 6+3

105 Known Facts
8 Facts to Go

+	0	1	2	3	4	5	6	7	8	9	10
0	0	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10	11
2	2	3	4	5	6	7	8	9	10	11	12
3	3	4	5	6	7	8	9	10			13
4	4	5	6	7	8	9	10				14
5	5	6	7	8	9	10	11	12			15
6	6	7	8	9	10	11	12	13	14		16
7	7	8	9	10		12	13	14	15	16	17
8	8	9	10				14	15	16	17	18
9	9	10	11					16	17	18	19
10	10	11	12	13	14	15	16	17	18	19	20

1. Zero Property
 2. Commutative Property
 3. + 1, +2
(Counting On)
 4. +10
 5. Doubles
 6. Subitizing on Ten Frames & Combos to 10
 7. Doubles plus
 8. Memorize 6+3
 9. + 9
 10. Go through 10
- 121 Known Facts

+	0	1	2	3	4	5	6	7	8	9	10
0	0	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10	11
2	2	3	4	5	6	7	8	9	10	11	12
3	3	4	5	6	7	8	9	10	11	12	13
4	4	5	6	7	8	9	10	11	12	13	14
5	5	6	7	8	9	10	11	12	13	14	15
6	6	7	8	9	10	11	12	13	14	15	16
7	7	8	9	10	11	12	13	14	15	16	17
8	8	9	10	11	12	13	14	15	16	17	18
9	9	10	11	12	13	14	15	16	17	18	19
10	10	11	12	13	14	15	16	17	18	19	20

-	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
0	0	1	2	3	4	5	6	7	8	9	10											
1		0	1	2	3	4	5	6	7	8	9	10										
2			0	1	2	3	4	5	6	7	8	9	10									
3				0	1	2	3	4	5	6	7	8	9	10								
4	K				0	1	2	3	4	5	6	7	8	9	10							
5						0	1	2	3	4	5	6	7	8	9	10						Gr 2
6							0	1	2	3	4	5	6	7	8	9	10					
7								0	1	2	3	4	5	6	7	8	9	10				
8									0	1	2	3	4	5	6	7	8	9	10			
9										0	1	2	3	4	5	6	7	8	9	10		
10											0	1	2	3	4	5	6	7	8	9	10	

- Think addition ($13 - 9 = ?$ Is the same as $9 + ? = 13$)
- -0
- -1 & -2 (Count back)
- Count on 1, 2, or 3 (when you know the numbers are close together)
- Use doubles
- Back through 10 (e.g., $13 - 4 = 13 - 3 - 1$)
- Up through 10 (e.g. $13 - 9$ "count on 1 to get 10 and 3 more to get to 13, so 9 is 4 away from 13")