NAME _____Key_____ DATE _____

Math Fluency Summative (2nd Grade Trimester 1) part 1

2.OA.B.2 *Fluently add and subtract within 20 using mental strategies.* **By end of Grade 2, know from memory all sums of two one-digit numbers.**

Add or subtract.

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

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Math Fluency Summative (2nd Grade Trimester 1) part 2

2.NBT.B.5 *Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.*

64 + 10 = 74	32 - 20 = 12	16 + 30 = 46
36 + 22 = 58	54 + 45 = 99	78 - 43 = 35
17 + 62 = 79	69 + 31 = 100	66 - 51 = 15
37 + 18 = 55	85 + 7 = 92	36 - 29 = 7
46 + 48 = 94	62 - 46 = 16	51 - 27 = 24

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Math Fluency Summative (2nd Grade Trimester 1) Extending

3.OA.C.7 *I can fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g., knowing that 8 × 5 = 40, one knows 40 ÷ 5 = 8) or properties of operations.* ***By the end of Grade 3, know from memory all products of two one-digit numbers.***

2 x 5 = 10	12 ÷ 2 = 6	3 x 3 = 9	21 ÷ 3 = 7
40 ÷ 10 = 4	7 x 2 = 14	45 ÷ 5 = 9	2 x 4 = 8
6 x 2 = 12	16 ÷ 2 = 8	1 x 9 = 9	15 ÷ 5 = 3

3.NBT.A.2 *I can fluently add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction.*

538 + 196 734	728 - 718 10	485 + 211 696	708 - 163 545	171 + 809 980
538 - 196 342	728 - 518 210	485 + 211 696	277 - 123 154	376 + 550 926