NAME _____Key_____ DATE _____

Math Fluency Summative (2nd Grade Trimester 2) 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.

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

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Math Fluency Summative (2nd Grade Trimester 2) 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.*

59 + 20 = 79	31 - 30 = 1	40 + 17 = 57
23 - 12 = 11	68 - 8 = 60	21 + 76 = 97
36 - 32 = 4	42 + 16 = 58	64 + 25 = 89
51 - 44 = 7	29 + 37 = 66	48 + 22 = 70
55 + 25 = 80	43 - 19 = 24	76 - 49 = 27

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Math Fluency Summative (2nd Grade Trimester 2) 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.***

1 X 1 1	2 X 8 16	3 X 2 6	4 X 9 32
8 X 3 24	9 X 8 72 3 ÷ 3 = 1	30 ÷ 6 = 5	
18 ÷ 3 = 6	24 ÷ 8 = 3	24 ÷ 6 = 4	24 ÷ 3 = 8

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.*

158 + 293 451	888 - 477 411	567 + 673 1240	890 - 163 727	342 + 348 690
958 - 718 240	233 + 222 455	478 - 456 22	743 + 219 962	900 - 126 774 899 125