NAME __Key__ DATE _____

Math Fluency Summative 3rd Grade Trimester 2 (Part 1)

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.*

Add or Subtract as needed.

```
   158        888        567         97
 + 293      - 477      + 673       - 39
 -----      -----      -----       ----
   451        411       1240         58
```

```
   890        342        602         87
 - 163      + 348      - 354       + 48
 -----      -----      -----       ----
   727        690        248        135
```

```
   508        958        233         83
 + 396      - 718      + 222       - 23
 -----      -----      -----       ----
   904        240        455         60
```

```
   478        743        900         86
 - 456      + 219      - 126       + 33
 -----      -----      -----       ----
    22        962        774        119
```

4.NBT.B.4 *I can fluently add and subtract multi-digit whole numbers using the standard algorithm. (Grade 4 expectations in this domain are limited to whole numbers less than or equal to 1,000,000.)*

```
   6672       6000      28,730     603,579
 +  467      - 139    + 71,673    - 11,234
 ------      -----    --------    --------
   7139       5861     100,403     592,345
```

Math Fluency Summative 3rd Grade Trimester 2 (Part 2)

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.

Multiply.

1 × 1	2 × 8	3 × 2	4 × 9	5 × 1	6 × 8	7 × 1	8 × 6
1	16	6	32	5	48	7	48
2 × 9	1 × 6	2 × 3	3 × 8	2 × 4	5 × 8	6 × 2	7 × 9
18	6	6	24	8	40	12	63
8 × 3	9 × 8	1 × 9	2 × 7	3 × 6	6 × 5	9 × 4	5 × 4
24	72	9	14	18	30	36	20
8 × 5	6 × 3	4 × 6	5 × 7	7 × 7	2 × 5	6 × 4	7 × 6
40	18	24	35	49	10	24	42
8 × 4	9 × 9	4 × 3	9 × 5	3 × 8	8 × 7	3 × 5	6 × 9
32	81	12	45	24	56	15	56
4 × 5	4 × 8	7 × 3	8 × 1	7 × 5	4 × 7	8 × 9	9 × 3
20	32	21	8	35	28	72	27

4.NBT.B.5&6 *I can multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers. I can find whole-number quotients and remainders with up to four-digit dividends.*

25 × 2 50	707 ÷ 7 = 101	100 ÷ 5 = 20	153 ÷ 3 = 51	50 × 2 100	900 ÷ 10 = 90
38 × 6 228	100 ÷ 2 = 50	63 × 54 252 3150 3402	73 × 9 657	47 × 18 376 470 846	4005 ÷ 5 = 801

NAME ___Key___ DATE _____

Math Fluency Summative 3rd Grade Trimester 2 (Part 3)

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.**

Divide.

56 ÷ 7 = 8	15 ÷ 3 = 5	25 ÷ 5 = 5	18 ÷ 6 = 3	14 ÷ 2 = 7
54 ÷ 6 = 9	56 ÷ 8 = 7	20 ÷ 4 = 5	12 ÷ 2 = 6	36 ÷ 6 = 6
6 ÷ 1 = 6	18 ÷ 3 = 6	24 ÷ 8 = 3	24 ÷ 6 = 4	24 ÷ 3 = 8
40 ÷ 4 = 10	49 ÷ 7 = 7	10 ÷ 1 = 10	25 ÷ 5 = 5	42 ÷ 7 = 6
18 ÷ 9 = 2	9 ÷ 3 = 3	3 ÷ 1 = 3	36 ÷ 9 = 4	24 ÷ 4 = 6
6 ÷ 2 = 3	48 ÷ 8 = 6	63 ÷ 7 = 9	3 ÷ 3 = 1	30 ÷ 6 = 5
72 ÷ 8 = 9	63 ÷ 9 = 7	36 ÷ 9 = 4	27 ÷ 3 = 9	28 ÷ 4 = 7
32 ÷ 8 = 4	12 ÷ 2 = 6	4 ÷ 2 = 2	35 ÷ 5 = 7	48 ÷ 8 = 6
50 ÷ 5 = 10	18 ÷ 2 = 9	16 ÷ 8 = 8	9 ÷ 1 = 9	16 ÷ 4 = 4

4.NBT.B.5&6 *I can multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers. I can find whole-number quotients and remainders with up to four-digit dividends.*

60 x 2 **120**	728 ÷ 8 = **91**	250 ÷ 5 = **50**	279 ÷ 3 = **93**	50 x 3 **150**	96 ÷ 8 = **12**
39 x 6 **234**	2004 ÷ 2 = **1002**	24 x 24 **96** **480** **576**	73 x 9 **657**	18 x 48 **144** **720** **864**	200 ÷ 4 = **50**