NAME _____Key_____ DATE _____

Math Fluency Summative 3rd Grade Trimester 1 (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.

$$
\begin{array}{r} 538 \\ + 196 \\ \hline 734 \end{array}
\qquad
\begin{array}{r} 699 \\ - 512 \\ \hline 187 \end{array}
\qquad
\begin{array}{r} 286 \\ + 476 \\ \hline 762 \end{array}
\qquad
\begin{array}{r} 57 \\ - 38 \\ \hline 19 \end{array}
$$

$$
\begin{array}{r} 708 \\ - 163 \\ \hline 545 \end{array}
\qquad
\begin{array}{r} 171 \\ + 809 \\ \hline 980 \end{array}
\qquad
\begin{array}{r} 901 \\ - 576 \\ \hline 325 \end{array}
\qquad
\begin{array}{r} 96 \\ + 24 \\ \hline 120 \end{array}
$$

$$
\begin{array}{r} 428 \\ + 196 \\ \hline 624 \end{array}
\qquad
\begin{array}{r} 728 \\ - 718 \\ \hline 10 \end{array}
\qquad
\begin{array}{r} 485 \\ + 211 \\ \hline 696 \end{array}
\qquad
\begin{array}{r} 45 \\ - 13 \\ \hline 32 \end{array}
$$

$$
\begin{array}{r} 277 \\ - 123 \\ \hline 154 \end{array}
\qquad
\begin{array}{r} 376 \\ + 550 \\ \hline 926 \end{array}
\qquad
\begin{array}{r} 600 \;\; 599 \\ - 456 \;\; 455 \\ \hline 144 \end{array}
\qquad
\begin{array}{r} 56 \\ + 12 \\ \hline 68 \end{array}
$$

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.)*

$$
\begin{array}{r} 7751 \\ + 368 \\ \hline 8119 \end{array}
\qquad
\begin{array}{r} 5000 \\ - 438 \\ \hline 4562 \end{array}
\qquad
\begin{array}{r} 28{,}560 \\ + 1{,}748 \\ \hline 30{,}308 \end{array}
\qquad
\begin{array}{r} 63{,}579 \\ - 1{,}234 \\ \hline 62{,}345 \end{array}
$$

NAME _____*Key*_____ DATE _____

Math Fluency Summative 3rd Grade Trimester 1 (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 X 4 4	2 X 8 16	3 X 1 3	4 X 8 32	5 X 3 15	6 X 9 54	7 X 3 21	8 X 9 72
9 X 3 27	1 X 5 5	2 X 2 4	3 X 9 27	4 X 3 12	5 X 7 35	6 X 4 24	7 X 8 56
8 X 3 24	9 X 9 81	2 X 4 8	3 X 7 21	4 X 5 20	5 X 5 25	6 X 8 48	7 X 4 28
8 X 7 56	2 X 6 12	3 X 4 12	2 X 7 14	8 X 6 48	4 X 7 28	9 X 8 72	5 X 4 20
4 X 1 4	3 X 3 9	6 X 5 30	7 X 2 14	8 X 2 16	9 X 4 36	6 X 8 48	7 X 7 49
4 X 6 24	7 X 9 63	6 X 7 42	8 X 5 40	9 X 2 18	8 X 4 32	3 X 6 18	9 X 6 54

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 x 12 300	64 ÷ 2 = 32	150 ÷ 5 = 30	248 ÷ 4 = 62	100 x 2 200	900 ÷ 10 = 90
10 x 6 60	100 ÷ 10 = 10	30 x 24 720	25 x 9 225	30 x 4 120	500 ÷ 5 = 100

NAME _____Key_____ DATE _____

Math Fluency Summative 3rd Grade Trimester 1 (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.

48 ÷ 8 = 6	60 ÷ 10 = 6	20 ÷ 4 = 5	24 ÷ 3 = 8	32 ÷ 8 = 4
54 ÷ 6 = 9	28 ÷ 4 = 7	63 ÷ 9 = 7	9 ÷ 1 = 9	42 ÷ 7 = 6
70 ÷ 7 = 10	80 ÷ 10 = 8	24 ÷ 8 = 3	24 ÷ 6 = 4	18 ÷ 6 = 3
36 ÷ 9 = 4	7 ÷ 1 = 7	3 ÷ 3 = 1	18 ÷ 3 = 6	36 ÷ 6 = 6
50 ÷ 5 = 10	70 ÷ 10 = 7	16 ÷ 4 = 4	56 ÷ 7 = 8	30 ÷ 10 = 3
35 ÷ 5 = 7	56 ÷ 7 = 8	36 ÷ 9 = 4	10 ÷ 2 = 5	63 ÷ 7 = 9
9 ÷ 3 = 3	25 ÷ 5 = 5	40 ÷ 4 = 10	25 ÷ 5 = 5	64 ÷ 8 = 8
14 ÷ 2 = 7	24 ÷ 4 = 6	15 ÷ 3 = 5	6 ÷ 2 = 3	42 ÷ 6 = 7
18 ÷ 9 = 2	16 ÷ 8 = 2	18 ÷ 2 = 9	12 ÷ 2 = 6	6 ÷ 1 = 6

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.*

30 X 2 = 60	104 ÷ 8 = 13	300 ÷ 5 = 60	180 ÷ 3 = 60	100 X 3 = 300	108 ÷ 9 = 12
50 X 6 = 300	800 ÷ 2 = 400	27 X 7 = 189	20 X 9 = 180	55 X 8 = 440	200 ÷ 10 = 20