NAME $\qquad$ DATE $\qquad$
Math Fluency Summative 3rd Grade Trimester 3 (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.
198
654
379
62
$+598$

- 321 $\begin{array}{r}+463 \\ \hline\end{array}$ $-45$
305
645
310
23
- 283
$+246$
$\begin{array}{r}-54 \\ \hline\end{array}$
$+68$

$$
\begin{array}{r}
187 \\
+\quad 336 \\
\hline
\end{array}
$$

857
654
53

- 345
$+333$
$-41$

$$
\begin{array}{r}
642 \\
-432 \\
\hline
\end{array}
$$

423
300
55
$+392$
$-178$
$+44$
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.)

$$
\begin{array}{rrrr}
5563 & 5000 & 21,450 & 512,354 \\
+573 & -923 & +97,386 & -176,234 \\
\hline
\end{array}
$$

## Math Fluency Summative $3^{\text {rd }}$ Grade Trimester 3 (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 $8 \times 5=40$, one knows $40 \div 5=8$ ) or properties of operations.
By the end of Grade 3, know from memory all products of two one-digit numbers.
Multiply.

| $\begin{array}{r} 1 \\ \times 3 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ \times \quad 4 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$ | $\begin{array}{r}7 \\ \times 5 \\ \hline\end{array}$ | $\begin{array}{r}8 \\ \times 9 \\ \hline\end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | , | 2 | 3 | 4 | 5 | 6 | 7 |
| X2 | X 9 | X 1 | X 9 | X 8 | X2 | X 1 | X 9 |
| 8 | 9 | 7 | 2 | 3 | 4 | 5 | 6 |
| $\underline{\mathrm{X} 1}$ | $\underline{\times 7}$ | X6 | X 4 | X 8 | X6 | X 3 | X 4 |
| 8 | 9 | 2 | 4 | 5 | 6 | 8 | 5 |
| X 4 | X 6 | X6 | $\times 7$ | X6 | X 7 | $\times 7$ | X 8 |
| 8 | 6 | 9 | 3 | 4 | 6 | 7 | 8 |
| X 8 | X 3 | X 4 | X 1 | X 9 | X2 | X 4 | $\times 3$ |
| 6 | 9 | 3 | 3 | 7 | 4 | 8 | 9 |
| X 3 | X 8 | X6 | X2 | X 8 | X2 | X6 | X 1 |

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.

| $\begin{array}{r} 35 \\ \times 2 \\ \hline \end{array}$ | $8181 \div 9=$ | $200 \div 5=$ | $320 \div 8=$ | $\begin{array}{r} 50 \\ \times \quad 25 \\ \hline \end{array}$ | $6010 \div 10=$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{r} 25 \\ \times 5 \\ \hline \end{array}$ | $100 \div 4=$ | $\begin{array}{r} 27 \\ \times \quad 36 \\ \hline \end{array}$ | $\begin{array}{r} 73 \\ \times 9 \\ \hline \end{array}$ | $\begin{array}{r} 47 \\ \times \quad 18 \\ \hline \end{array}$ | $426 \div 6=$ |

## Math Fluency Summative $3{ }^{\text {rd }}$ Grade Trimester 3 (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 $8 \times 5=40$, one knows $40 \div 5=8$ ) or properties of operations.
By the end of Grade 3, know from memory all products of two one-digit numbers.
Divide.

| $9 \div 3=$ | $30 \div 5=$ | $6 \div 1=$ | $45 \div 5=$ | $24 \div 4=$ |
| :--- | :--- | :--- | :--- | :--- |
| $54 \div 6=$ | $40 \div 4=$ | $24 \div 6=$ | $16 \div 4=$ | $18 \div 2=$ |
| $56 \div 7=$ | $8 \div 8=$ | $32 \div 8=$ | $20 \div 4=$ | $9 \div 1=$ |
| $6 \div 2=$ | $18 \div 2=$ | $42 \div 7=$ | $48 \div 8=$ | $15 \div 5=$ |
| $36 \div 9=$ | $56 \div 8=$ | $35 \div 5=$ | $42 \div 6=$ | $14 \div 2=$ |
| $20 \div 5=$ | $25 \div 5=$ | $7 \div 1=$ | $24 \div 3=$ | $36 \div 4=$ |
| $36 \div 6=$ | $28 \div 4=$ | $70 \div 10=$ | $70 \div 7=$ | $63 \div 9=$ |
| $18 \div 9=$ | $15 \div 3=$ | $35 \div 7=$ | $64 \div 8=$ | $16 \div 8=$ |
| $18 \div 6=$ | $12 \div 6=$ | $63 \div 7=$ | $24 \div 4=$ | $12 \div 2=$ |

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.

| $\begin{array}{r} 60 \\ \times \quad 22 \\ \hline \end{array}$ | $728 \div 2=$ | $455 \div 5=$ | $123 \div 3=$ | $\begin{array}{r} 180 \\ \times \quad 3 \\ \hline \end{array}$ | $96 \div 8=$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{r} 39 \\ \times 7 \\ \hline \end{array}$ | $182 \div 7=$ | $\begin{array}{r} 14 \\ \times 84 \\ \hline \end{array}$ | $\begin{array}{r} 73 \\ \times \quad 19 \\ \hline \end{array}$ | $\begin{array}{r} 15 \\ \times \quad 11 \\ \hline \end{array}$ | $1600 \div 4=$ |

