

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.

$$\begin{array}{r} 158 \\ + 293 \\ \hline 451 \end{array}$$

$$\begin{array}{r} 888 \\ - 477 \\ \hline 411 \end{array}$$

$$\begin{array}{r} 567 \\ + 673 \\ \hline 1240 \end{array}$$

$$\begin{array}{r} 97 \\ - 39 \\ \hline 58 \end{array}$$

$$\begin{array}{r} 890 \\ - 163 \\ \hline 727 \end{array}$$

$$\begin{array}{r} 342 \\ + 348 \\ \hline 690 \end{array}$$

$$\begin{array}{r} 602 \\ - 354 \\ \hline 248 \end{array}$$

$$\begin{array}{r} 87 \\ + 48 \\ \hline 135 \end{array}$$

$$\begin{array}{r} 508 \\ + 396 \\ \hline 904 \end{array}$$

$$\begin{array}{r} 958 \\ - 718 \\ \hline 240 \end{array}$$

$$\begin{array}{r} 233 \\ + 222 \\ \hline 455 \end{array}$$

$$\begin{array}{r} 83 \\ - 23 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 478 \\ - 456 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 743 \\ + 219 \\ \hline 962 \end{array}$$

$$\begin{array}{r} 900 \\ - 126 \\ \hline 774 \end{array}$$

$$\begin{array}{r} 86 \\ + 33 \\ \hline 119 \end{array}$$



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.)

$$\begin{array}{r} 6672 \\ + 467 \\ \hline 7139 \end{array}$$

$$\begin{array}{r} 6000 \\ - 139 \\ \hline 5861 \end{array}$$

$$\begin{array}{r} 28,730 \\ + 71,673 \\ \hline 100,403 \end{array}$$

$$\begin{array}{r} 603,579 \\ - 11,234 \\ \hline 592,345 \end{array}$$

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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 $8 \times 5 = 40$, 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.

$\begin{array}{r} 1 \\ \times 1 \\ \hline 1 \end{array}$	$\begin{array}{r} 2 \\ \times 8 \\ \hline 16 \end{array}$	$\begin{array}{r} 3 \\ \times 2 \\ \hline 6 \end{array}$	$\begin{array}{r} 4 \\ \times 9 \\ \hline 32 \end{array}$	$\begin{array}{r} 5 \\ \times 1 \\ \hline 5 \end{array}$	$\begin{array}{r} 6 \\ \times 8 \\ \hline 48 \end{array}$	$\begin{array}{r} 7 \\ \times 1 \\ \hline 7 \end{array}$	$\begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array}$
$\begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array}$	$\begin{array}{r} 1 \\ \times 6 \\ \hline 6 \end{array}$	$\begin{array}{r} 2 \\ \times 3 \\ \hline 6 \end{array}$	$\begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$	$\begin{array}{r} 2 \\ \times 4 \\ \hline 8 \end{array}$	$\begin{array}{r} 5 \\ \times 8 \\ \hline 40 \end{array}$	$\begin{array}{r} 6 \\ \times 2 \\ \hline 12 \end{array}$	$\begin{array}{r} 7 \\ \times 9 \\ \hline 63 \end{array}$
$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$	$\begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array}$	$\begin{array}{r} 1 \\ \times 9 \\ \hline 9 \end{array}$	$\begin{array}{r} 2 \\ \times 7 \\ \hline 14 \end{array}$	$\begin{array}{r} 3 \\ \times 6 \\ \hline 18 \end{array}$	$\begin{array}{r} 6 \\ \times 5 \\ \hline 30 \end{array}$	$\begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array}$	$\begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array}$
$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$	$\begin{array}{r} 6 \\ \times 3 \\ \hline 18 \end{array}$	$\begin{array}{r} 4 \\ \times 6 \\ \hline 24 \end{array}$	$\begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array}$	$\begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array}$	$\begin{array}{r} 2 \\ \times 5 \\ \hline 10 \end{array}$	$\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$	$\begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array}$
$\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$	$\begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array}$	$\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array}$	$\begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array}$	$\begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$	$\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$	$\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$	$\begin{array}{r} 6 \\ \times 9 \\ \hline 54 \end{array}$
$\begin{array}{r} 4 \\ \times 5 \\ \hline 20 \end{array}$	$\begin{array}{r} 4 \\ \times 8 \\ \hline 32 \end{array}$	$\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$	$\begin{array}{r} 8 \\ \times 1 \\ \hline 8 \end{array}$	$\begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array}$	$\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$	$\begin{array}{r} 8 \\ \times 9 \\ \hline 72 \end{array}$	$\begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array}$



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.

$\begin{array}{r} 25 \\ \times 2 \\ \hline 50 \end{array}$	$707 \div 7 =$ 101	$100 \div 5 =$ 20	$153 \div 3 =$ 51	$\begin{array}{r} 50 \\ \times 2 \\ \hline 100 \end{array}$	$900 \div 10 =$ 90
$\begin{array}{r} 38 \\ \times 6 \\ \hline 228 \end{array}$	$100 \div 2 =$ 50	$\begin{array}{r} 63 \\ \times 54 \\ \hline 252 \\ 3150 \\ \hline 3402 \end{array}$	$\begin{array}{r} 73 \\ \times 9 \\ \hline 657 \end{array}$	$\begin{array}{r} 47 \\ \times 18 \\ \hline 376 \\ 470 \\ \hline 846 \end{array}$	$4005 \div 5 =$ 801

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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 $8 \times 5 = 40$, 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.

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

 **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.

$\begin{array}{r} 60 \\ \times 2 \\ \hline 120 \end{array}$	$728 \div 8 = 91$	$250 \div 5 = 50$	$279 \div 3 = 93$	$\begin{array}{r} 50 \\ \times 3 \\ \hline 150 \end{array}$	$96 \div 8 = 12$
$\begin{array}{r} 39 \\ \times 6 \\ \hline 234 \end{array}$	$2004 \div 2 = 1002$	$\begin{array}{r} 24 \\ \times 24 \\ \hline 96 \\ 480 \\ \hline 576 \end{array}$	$\begin{array}{r} 73 \\ \times 9 \\ \hline 657 \end{array}$	$\begin{array}{r} 18 \\ \times 48 \\ \hline 144 \\ 720 \\ \hline 864 \end{array}$	$200 \div 4 = 50$