

NAME \_\_\_\_\_ 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.

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

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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.*

$59 + 20 =$	$31 - 30 =$	$40 + 17 =$
$23 - 12 =$	$68 - 8 =$	$21 + 76 =$
$36 - 32 =$	$42 + 16 =$	$64 + 25 =$
$51 - 44 =$	$29 + 37 =$	$48 + 22 =$
$55 + 25 =$	$43 - 19 =$	$76 - 49 =$

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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  $8 \times 5 = 40$ , 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.**



$\begin{array}{r} 1 \\ \times 1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$
$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$	$3 \div 3 =$	$30 \div 6 =$
$18 \div 3 =$	$24 \div 8 =$	$24 \div 6 =$	$24 \div 3 =$

**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.



$\begin{array}{r} 158 \\ + 293 \\ \hline \end{array}$	$\begin{array}{r} 888 \\ - 477 \\ \hline \end{array}$	$\begin{array}{r} 567 \\ + 673 \\ \hline \end{array}$	$\begin{array}{r} 890 \\ - 163 \\ \hline \end{array}$	$\begin{array}{r} 342 \\ + 348 \\ \hline \end{array}$
$\begin{array}{r} 958 \\ - 718 \\ \hline \end{array}$	$\begin{array}{r} 233 \\ + 222 \\ \hline \end{array}$	$\begin{array}{r} 478 \\ - 456 \\ \hline \end{array}$	$\begin{array}{r} 743 \\ + 219 \\ \hline \end{array}$	$\begin{array}{r} 900 \\ - 126 \\ \hline \end{array}$