GRADE 4 Mathematics	Quarter 1 – Units 1-2 Reported
Standards for Mathematical Practice	
Makes sense of a problem and creates a plan to solve it	Based on teacher observations during math
Perseveres in solving problems	Based on teacher observations during math
Attends to detail using precise math words / symbols and works carefully and accurately	Based on teacher observations during math
Explains his/her mathematical thinking orally and in written form to justify why the answer makes sense	Based on teacher observations during math
Operations and Algebraic Thinking – Basic Facts	
Automatically recalls addition basic facts.	
Automatically recalls subtraction basic facts.	See basic facts assessment data
Automatically recalls multiplication basic facts.	
Automatically recalls division basic facts.	
Number and Operations in Base Ten	

Reads, writes, orders, compares and rounds numbers within 1,000,000			
	2a NBT.1 prep	I can use basic addition facts to solve extended fact problems.	$7 + 8 = 15$ $70 + 80 = 150$ $700 + 800 = 1{,}500$
	2c NBT.2	I can read and write numbers to the millions place, identify place values in such numbers, and calculate the value of the digits in those places.	$6{,}234{,}025 =$ six million, two hundred thirty-four thousand, twenty-five. The value of the $3 = 30{,}000$.
	2d NBT.1	I can demonstrate that I understand that each place value space is 10 times greater than the space to its right.	**Place Value Chart**
	2e NBT.2	I can write a multi-digit number in expanded form.	$52{,}864 = 50{,}000 + 2{,}000 + 800 + 60 + 4$

Adds whole numbers using the standard algorithm			
	2f NBT.4	I can add multi-digit whole numbers using the standard algorithm.	$\begin{array}{r} {\scriptstyle 1\ \ 1} \\ 5{,}4\,6\,1 \\ +\ 2{,}8\,8\,5 \\ \hline 8{,}3\,4\,6 \end{array}$

Subtracts whole numbers using the "Trades First"/standard algorithm	**2g** **NBT.** **4**	I can subtract multi-digit whole numbers using the standard or trade-first algorithm.	2 11 9, 3̸ 2̸¹7 - 4, 1 8 9 5, 1 3 8

Measurement and Data

Represents and interprets data, including data with fractional measurements	**2h** **MD.** **4**	I can make and analyze a tally chart and line plot using data measured to the whole or $\frac{1}{2}$ unit.	(tally chart and line plot)

Tally chart:

Girls' Shoe Sizes	# of Students
5	I
$5\frac{1}{2}$	III
6	II
$6\frac{1}{2}$	II
7	IIII
$7\frac{1}{2}$	III
8	II

Line plot — Number of girls vs. size:

```
                                    x
                 x          x   x
              x   x   x   x   x   x
          x   x   x   x   x   x   x
         _____
          5   5   6   6   7   7   8
              ½       ½       ½
                      size
              Girls' Shoe Sizes
```
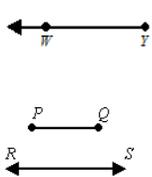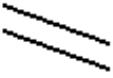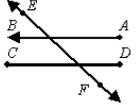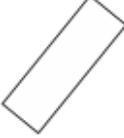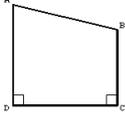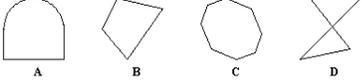
Geometry		
Identifies, names, draws, describes, and classifies 2D figures and polygons	**1a** **G.1** I can name, draw, and describe rays, lines, and line segments.	$= \overrightarrow{YW}$ (ray) $= \overline{PQ}$ (line segment) $= \overleftrightarrow{RS}$ (line)
	1b **G.1** I can identify, draw, and describe parallel and intersecting lines.	Parallel Intersecting
	1c **G.2** I can classify quadrilaterals.	_x_ polygon _x_ quadrilateral _x_ parallelogram _x_ rectangle __ rhombus __ square
	1d **G.2** I can identify, draw, name, and compare quadrilaterals based on their properties.	trapezoid
	1e **G.2** I can identify a polygon (a closed figure formed by three or more line segments that meet only at their endpoints).	*Which of these are polygons?* B and C