Math 1 Reflection Sheet

Name: _____ Date: _____ Week #:_____

Assignments	Grade	Comments

Date	Class work	Homework (must write in planner as well)
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		

****Students must complete their homework daily, 100%; the consequence = silent lunch daily****

Parent Signature: _____

Essential Questions	Answers
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	

Mrs. Reyes--- vdreyes@wsfcs.k12.nc.us

Homework postings: www.wmspatriots.weebly.com

Name: _____ Date: _____ Week: ___

"Warm-up's Q1W7"

8.EE.1 **Monday Warm-up** What is the value of this expression written as a fraction? $(5^{-2})\ (25^{-4})(5^{5})$	Show all your work
Tuesday Warm-up **(8.EE.3)** **The tree is 5.4 meters tall. The tower is 1.2×10^{3} meters tall. About how much taller is the tree than the tower?**	Show all work here
Wednesday Warm-up (8.EE.2) A newly wed couple needs to buy materials to put up wall paper on one of the walls in house. The area of the square is 3,600 ft^2. How long should the tape be to go around the perimeter of the wall?	Show all work here
Thursday Warm-up The following rectangle and square plate have the same perimeter. What is the value of x? x-2  2x  3x+ 2	

Name _____ Date _____ Period _____

Math Skills Study Guide

Linear Functions

Copy and complete each function table.

1. $y = x - 1$

x	$x - 1$	y
1		
2		
3		
4		

2. $y = x + 7$

x	$x + 7$	y
−5		
−3		
−1		
1		

3. $y = 3x$

x	$3x$	y
1		
2		
3		
4		

4. $y = -4x$

x	$-4x$	y
−1		
0		
1		
2		

5. $y = 3x + 1$

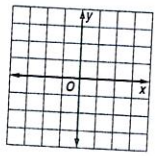
x	$3x + 1$	y
−1		
0		
1		
2		

6. $y = -2x + 3$

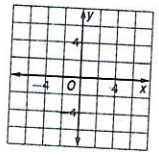
x	$-2x + 3$	y
−1		
0		
1		
2		

Graph each function.

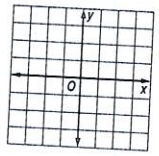
7. $y = x - 1$



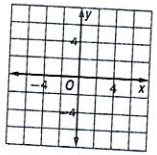
8. $y = x + 7$



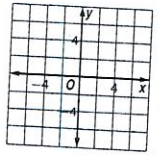
9. $y = 3x$



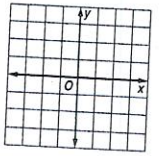
10. $y = -4x$



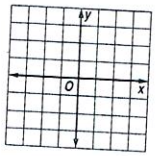
11. $y = 3x + 1$



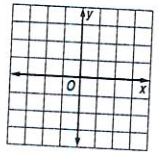
12. $y = -2x + 3$



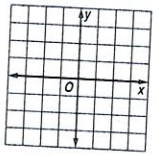
13. $y = 0.75x$



14. $y = 0.5x + 1$



15. $y = 2x - 0.5$



Name _____ Date _____ Period _____

Math Skills Study Guide

Measures of Center

Find the mean, median, and mode for each set of data. Round decimals to the nearest tenth.

1. 6, 3, 3, 12, 13, 15, 7

2. 1, 1, 0, 2, 1, 1, 0, 0, 1

3. 202, 195, 219, 220

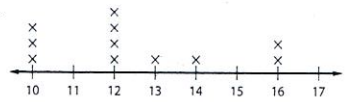
4. 2.5, 4.0, 8.7, 3.3, 3.3, 5.2

5. 21, 23, 39, 44, 27, 25, 28, 30

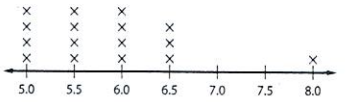
6. 87, 85, 87, 87, 87

Find the mean, median, and mode for each set of data. Round decimals to the nearest tenth.

7.



8.



9. **TEMPERATURE** The average daily temperature by month for one year in Denver, Colorado, is given below. Find the mean, median, and mode for temperature.

Month	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Temp. (°F)	43°	47°	51°	61°	71°	82°	88°	86°	78°	67°	52°	46°

Source: *The Universal Almanac*

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Name_____

Date_____ Period____

Evaluating Expressions

Evaluate each using the values given.

1) $y \div 2 + x$; use $x = 1$, and $y = 2$

2) $a - 5 - b$; use $a = 10$, and $b = 4$

3) $p^2 + m$; use $m = 1$, and $p = 5$

4) $y + 9 - x$; use $x = 1$, and $y = 3$

5) $m + p \div 5$; use $m = 1$, and $p = 5$

6) $y^2 - x$; use $x = 7$, and $y = 7$

7) $z(x + y)$; use $x = 6$, $y = 8$, and $z = 6$

8) $x + y + y$; use $x = 9$, and $y = 10$

9) $p^3 + 10 + m$; use $m = 9$, and $p = 3$

10) $6q + m - m$; use $m = 8$, and $q = 3$

11) $p^2 m \div 4$; use $m = 4$, and $p = 7$

12) $y - (z + z^2)$; use $y = 10$, and $z = 2$

13) $z - (y \div 3 - 1)$; use $y = 3$, and $z = 7$

14) $(y + x) \div 2 + x$; use $x = 1$, and $y = 1$

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Name_____

Date_____ Period____

Two-Step Equations

Solve each equation.

1) $6 = \frac{a}{4} + 2$

2) $-6 + \frac{x}{4} = -5$

3) $9x - 7 = -7$

4) $0 = 4 + \frac{n}{5}$

5) $-4 = \frac{r}{20} - 5$

6) $-1 = \frac{5 + x}{6}$

7) $\frac{v + 9}{3} = 8$

8) $2(n + 5) = -2$

9) $-9x + 1 = -80$

10) $-6 = \frac{n}{2} - 10$

11) $-2 = 2 + \frac{v}{4}$

12) $144 = -12(x + 5)$

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Name_____

Date_____ Period____

Combining Like Terms

Simplify each expression.

1) $-6k + 7k$

2) $12r - 8 - 12$

3) $n - 10 + 9n - 3$

4) $-4x - 10x$

5) $-r - 10r$

6) $-2x + 11 + 6x$

7) $11r - 12r$

8) $-v + 12v$

9) $-8x - 11x$

10) $4p + 2p$

11) $5n + 11n$

12) $n + 4 - 9 - 5n$

13) $12r + 5 + 3r - 5$

14) $-5 + 9n + 6$

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Name_____

Date_____ Period____

Percent Problems

Solve each problem. Round to the nearest tenth or tenth of a percent.

1) What percent of 29 is 3?

2) What percent of 33.5 is 21?

3) What percent of 55 is 34?

4) 41% of 78 is what?

5) 28% of 63 is what?

6) 58% of what is 63.4?

7) 1 is what percent of 52.6?

8) What percent of 38 is 15?

9) 4% of 73 is what?

10) What is 12% of 17.5?

11) 79% of 67 miles is what?

12) What is 59% of 14 m?