Sixth Grade Review 2A: **Decimals**   Name: _____

Show all work on a separate sheet of paper.

Write each number in standard form.

1.	Sixty-seven thousand	
2.	eleven and five tenths	
3.	Ninety-three hundredths	
4.	Fifty-two and eight hundred forty-nine thousandths	

Write each number in words.

5.	16.8	
6.	2.123	

Order the numbers from greatest to least.

7.	0.90, 0.09, 0.99			
8.	2.3, 2.12, 2.01, 2.31			
9.	97.490, 97.4, 97.482, 97.4082			

Solve.

10.	$14.53 + 32.62$		11.	$56.47 - 14.55$	
12.	$76.5 - 12$		13.	$46.3 - 21.55$	
14.	$23.88 + 7.6$		15.	$432 + 8.24 - 0.13$	

Round each number to the underlined place value.

16.	16.4<u>8</u>6		17.	23.<u>4</u>59	
18.	673.88		19.	52.<u>7</u>3	

Replace each _____ with <, >, or =.

20.	0.87 ____ 0.78	21.	4.12 ___ 4.213	22.	13.869 ___ 13.81
23.	40.123 ____ 4.989	24.	0.6 ____ 0.06		

Solve.

25.	Mrs. Shabanaj loves spinach. She buys 5.2 pounds of spinach Monday, 6.3 pounds of spinach on Tuesday, and 3.8 pounds of spinach on Wednesday. If her goal is to buy 30 pounds of spinach, how many more pounds does she need to buy?	
26.	Gas prices at four local stations were: $3.599, $3.649, $3.469, and $3.559. Write the prices in order from least to greatest.	L G
27.	Mr. Wright built a tower in Minecraft that was 147.62 feet tall. Mr. Mangham built a tower that was 168.355 feet tall. What is the combined height of the two towers?	
28.	Batting averages are rounded to the nearest thousandths. In 2012, Joe Mauer, catcher for the Minnesota Twins, had a batting average of 0.2876. How will his 2012 batting average be listed on his baseball card if it is rounded to the nearest thousandth?	
29-32.	Mr. Mangham (M) ran 4.12 miles. Mrs. Atkins (A) ran 5.46 miles. Mrs. Fauatea (F) ran 5.099 miles. Mr. Underwood (U) ran 4.6 miles. Place the letter of each teacher in the appropriate place on the number line below. 4.0 4.5 5.0 5.5 6.0	