Name: _____ Date: _____

Mathematics

COMPARING AND ORDERING DECIMALS WORD PROBLEMS

Remember the following Steps for Comparing and Ordering decimals

2. Comparing & Ordering Decimals

Steps
1. Compare any TWO decimals at a time
2. fill in zeroes so that each number has the same amount of place values
3. Start at the left and compare the digits
4. Look for the first place where they are different and rank them.
5. Compare the next numbers using steps 1-4

Read each word problem. Identify the keywords in each problem and then solve each word problem.

1. Jadin weighs approximately 95.6. pounds, Aaron weighs about 89.09 pounds and Kavonia weighs approximately 90.06 pounds. Order the students and their weight from greatest to least.

   A. Aaron; Kavonia and Jadin
   B. Kavonia; Jadin and Aaron
   C. Jadin; Kavonia and Aaron
   D. Kavonia; Aaron and Jadin

2. Willisha's mom took her shopping and she bought the following items; a nail polish for $4.55, a lip gloss for $2.99 and a Mickey Mouse purse for $5.99. List the prices in order from least to greatest.

   A. lip gloss; Mickey Mouse Purse; nail polish
   B. Mickey purse; nail polish; lip gloss
   C. lip gloss; nail polish; Mickey Mouse purse
   D. Mickey Mouse Purse; lip gloss; nail polish

Items	Cost
Nail polish	$ 4.55
Lip gloss	$ 2.99
Mickey Mouse Purse	$ 5.99

3. Ayriah had $10.00 for lunch she bought a hot patty for $2.00, a chicken and fry for $3.50 and a juice for $1.50. Which amount is equal to the sum of money spent on lunch.

(A)$ 8.00
(B)$ 16.00
(C)$ 12.00
(D)7.00

4. Justin's time for the 100-meter race was 14.16 seconds, Davil's time was faster. Which could be Davil's time?

(A)   14.05   (B)   14.46   (C)   14.36   (D) 14.56

5. At a girl's national volleyball competition, Lola scored 17.50 points, Zariah scored 17.05 points, Britannia scored 15.75 points and Mila scored 16.5 points. Which statement is true?

(A)   Lola scored the lowest
(B)   Zariah scored higher than Mila
(C)   Britannia scored the highest
(D)   Mila scored lower than Britannia

6. Four horses competed in a race. Their winning times are 8.53 seconds, 7.45 seconds, 9.4 seconds and 9.58 seconds. Which shows the winning times from fastest to slowest?

(A)   9.58 seconds; 9.4 seconds; 8.53 seconds; 7.45 seconds
(B)   8.53 seconds; 7.45 seconds; 9.4 seconds and 9.58 seconds
(C)   7.45 seconds; 8.53 seconds; 9.4 seconds; 9.58 seconds
(D)   8.53 seconds; 9.4 seconds; 9.58 seconds; 7.45 seconds

7. Drew, Serenity and Shimya all get an allowance each week from their parents. Shimya saves 0.75 of her allowance; Serenity saves 0.9 of her allowance and Drew saves 0.8 of her allowance. Which statement is true?
(A)   Drew saved the most
(B)   Shimya saved more than Drew
(C)   Drew and Serenity saved the same amount
(D)   Serenity saved more than Drew