Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ #:\_\_\_\_\_\_\_\_\_

5.0- Unit 2 Word Problems

1.

The table below shows the current batting averages for the top hitters on the Braves roster.



a. Based on the data, **who** currently has the lowest batting average?

b. Batting averages are rounded to the nearest thousandth. Suppose you rounded the averages to the nearest hundredth, would you be able to accurately identify who currently has the highest batting average? **Explain!**

2. Board games are on sale at the store. Deluxe Scrabble is $29.99, Candyland is $19.99, Monopoly is $24.99, and Trouble is $15.99. **Round** to the nearest dollar the total amount for Deluxe Scrabble and Trouble.

3. Sabrina wants to take 4 friends with her to see a movie for her tenth birthday on Friday night, and the movie costs $7.75 for each person. On the next day, she wants to take these same friends to lunch for $8.65 per person. However, one friend won’t be able to attend lunch because of a gymnastics tournament.

How much will Sabrina need for her and her friends to go to the movies? \_\_\_\_\_\_\_\_\_\_\_

How much will Sabrina need for her nad her friends to go to lunch? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How much money total will Sabrina need for herbirthday weekend? **Round your answer to the nearest hundredth**. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Ten cars are setting out on a race through the desert. The total distance of the race is 457.4 miles. If a driver needs to refuel after every 39.6 miles, about how many times will they need to refuel before finishing the race?

a. Without using an algorithm, develop a strategy using **addition** or **subtraction** to determine the solution. Explain your strategy using words and or models.

b. About how many times will the driver need to refuel?

5. Carter wanted to buy the following items: A computer game for $65.95, a new controller to play the game on his computer for $19.98, and a headset for $24.95. Does Brian have enough money to buy all three items if he has $90 in his wallet?

How much more money will Carter need?