Decimal Review Homework

Part A: *Fill in the blank with the equivalent fraction or decimal*

1. $\frac{4}{10} = \frac{}{100} = 0.\underline{\hspace{1cm}}$

2. $0.09 = \underline{\hspace{1cm}}$

3. $0.70 = \frac{}{100} = \frac{}{10}$

4. $\frac{30}{100} = 0.\underline{\hspace{1cm}} = \frac{}{10}$

Part B: Adding Fractions with Denominators of 10 and 100

1. $\frac{2}{10}$ of a jar is filled with blue marbles. $\frac{37}{100}$ of that same jar is filled with white marbles. What portion of the jar is filled with marbles?

Part C: *Compare the following decimals and fractions using <, >, or =*

1. 0.09 _____ 0.3

2. 0.10 _____ 0.01

3. $\frac{74}{100}$ _____ $\frac{9}{10}$

Part D: Word Problems

1. At Girls on the Run, Evelin completed the race in 0.51 minutes. Kashvi completed the race in 0.68 minutes. Who won the race?

2. Ava lives 0.82 km from the store. Brennan lives 0.97 km from the store. Who has a longer walk to the store?