NAME:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Directions:

Mrs. Herschberger and Mrs. Swinney took a survey of their schools. When they collected the data, Mrs. Herschberger’s class simplified their fractions down to tenths. Mrs. Swinney’s class used hundredths. Below you will find some information from both classes. Please help the two teachers figure out a total number for both of their schools.

Choose the

Show your work correct answer

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| #1 Mrs. Herschberger’s class found that 7/10 of the school would choose potatoes over tomatoes. Mrs. Swinney’ s class found that 21/100 students would choose potatoes over tomatoes. If you combine both fractions, what fraction represents both classrooms? |  | A. 28/100  B. 9/10  C. 91/100  D. 14/100 |
| #2 Mrs. Swinney’s class found that 42/100 of the students prefer carrots over broccoli. Mrs. Herschberger’s class found that 1/10 of the students prefer carrots over broccoli. How many students prefer carrots over broccoli? |  | A. 52/100  B. 43/10  C. 43/100  D. 420/100 |
| #3 Mrs. Swinney’s class found that 13/100 of the students ride the bus home. Mrs. Herschberger’s class found that 4/10 of the class ride the bus. How many people ride the bus? |  | A. 54/100  B. 17/10  C. 17/100  D. 53/100 |
| #4 Mrs. Herschberger has 9/10 of a puzzle. Mrs. Swinney has 1/100 of the puzzle. How much of the puzzle would they have if they put the puzzles together? |  | A. 10/100  B. 10/10  C. 91/100  D. 81/100 |
| #5 Add the following fractions:  1/10 + 2/100 + 2/10 + 30/100 = |  | A. 35/100  B. 52/100  C. 62/100 |