

MAT. 3420 – Teaching Mathematics PreK-6
Whole-Number Computation

Name _____ Section _____

1. Other than the traditional algorithm, explain two ways to add $38 + 45$. For each method, show how the intermediate steps might be written down or represented by someone trying to keep track instead of doing the problem mentally.

- a. First way:

- b. Second way:

2. Other than the traditional algorithm, explain two ways to subtract $83 - 36$. For each, show how the steps might be written down by someone trying to keep track of what they are doing or thinking.

- a. First way: Describe an invented strategy based on take-away.

- b. Second way: Describe a different approach based on counting up or adding-on.

