Math 200 - Quiz 7

October 24, 2012

Name key

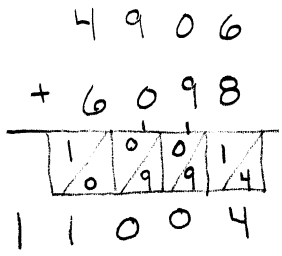
Score _____

Show all work to receive full credit. Supply explanations when necessary.

1. (2 points) Use a different nontraditional algorithm to compute each sum.

   (a) $4906 + 6098$

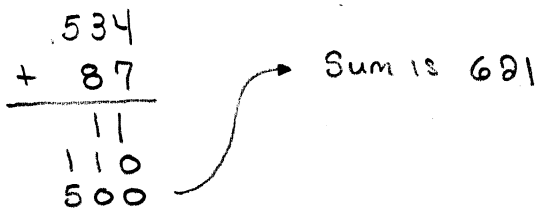
   LATTICE ADDITION

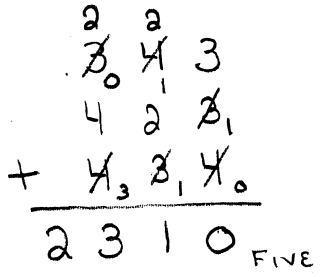
   11,004

   (b) $534 + 87$

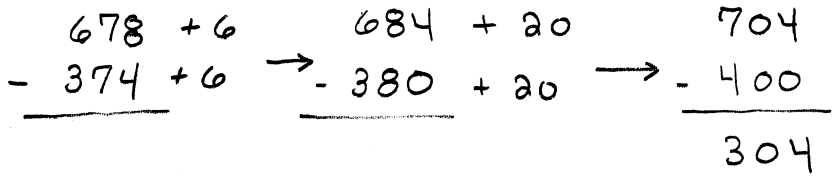
   PARTIAL SUMS

2. (1 point) Use any algorithm to $343_{\text{five}} + 423_{\text{five}} + 434_{\text{five}}$.

3. (1 point) Use a nontraditional algorithm to compute $678 - 374$.

4. (1 point) Use the equal additions algorithm to compute $421_{\text{six}} - 243_{\text{six}}$.