Multiplying tens and hundreds homework

1. Explain how to think with tens to multiply 

2. How is using base 10 manipulatives helpful for teaching multiplying with 2 and 3-digit numbers?

3. Build this multiplication problem with your base 10 blocks. Photograph or sketch what it looks like (hint—I want to see an array).

 

4. Sketch what it would look like to build the multiplication problem  using either the Montessori stamp game or the round manipulatives pictured in Primary Mathematics.

5. Write out an informal/child invented way of multiplying (with numbers, not manipulatives) 

6. Compute  using

a. the expanded algorithm

b. the standard/traditional algorithm

c. the lattice algorithm