Math 318 Homework

Name: _____

Use 10 by 10 grids to solve these problems. Make sure that it is clear how you used the grid to solve each problem. Grids can be found on the website. Attach your grids, and of course, make sure it is clear which grid (or grids) was used to solve which problem.

1. Heather bought a textbook for \$56 and then sold it to another student for \$50. What percentage of a loss did she incur?

2. Gini (no, not Ginny) bought a winter hat that had been marked down 15%. If the original price was \$36, how much did Gini pay?

3. Ashleigh noticed that on Monday there were 20% more students in class than there were the previous Friday. If she counted 30 students on Monday, how many fewer students were there the previous Friday?

4. An item used to cost \$320, but now costs \$406.40. By what percentage was the product marked up?