1. A group of students has $60 to spend on dinner. They know that the total cost, after adding tax and tip, will be 25 percent more than the food prices shown on the menu. How much can they spend on the food so that the total cost will be $60?
   Show your work.

2. The Copy Cat printing shop has a printer that uses only black, red, and blue cartridges. All the cartridges print the same number of pages. The black cartridges are replaced 4 times as often as the red ones. And during the time in which the red cartridges need to be replaced, 5 blue cartridges will also need to be replaced.

   a) What fraction of Copy Cat's printing is in black?

   b) What percent of the printing is in blue?

   c) In a month, 60 black cartridges are used. What is the total number of red and blue cartridges used in that month?
   Show your work.