

**Show all work for full credit**

1. (50 pts) What are the monthly payments on a 4-year car loan of \$4,500 assuming an APR of 6.5% compounded monthly?

What are your total payments?

2. (50 pts) You can afford to make monthly credit card payments of \$60 for 2 years assuming an APR of 23% compounded monthly. If you used the card just once to make a single purchase, how much would that purchase be for? (Note that your total payments are \$1440, so obviously your single purchase will be for less than that.)

What are your total payments?