

## Mr. Kaufman - CPI Homework (SHOW ALL WORK)

Year	CPI
1970	93
1975	100
1980	107
1985	113
1990	121

Round all answers to the nearest hundredth:

- 1) What is the percent decrease in prices from 1975 to 1970?
- 2) What is the percent increase in prices from 1980 to 1990?
- 3) Food cost \$6.83 in the base year. How much did it cost in 1985?
- 4) Food cost \$6.83 in the base year. How much did it cost in 1970?
- 5) An IPOD cost \$23.80 in 1990. How much did it cost in all of the other years listed? (There should be 4 calculations).
- 6) An item cost \$12.89 in the base year. It currently costs \$23.27. What is the CPI in the current year?
- 7) Explain what it means when the CPI has increased to 163.
- 8) The CPI is a list of percentages. The CPI increased from 210 to 215, an increase of 5 and a percentage increase of 2.4%. Explain why the percentage increase is 2.4% and not 5%.