

Name \_\_\_\_\_

## Financial Math

### Topic 4 – Assignment 2 – Inflation and Buying Power

- 1) Steve made \$41,000 a year in 2000. In 2011, he makes \$50,500. Use a CPI proportion to determine whether Steve's salary has kept up with inflation.
  
- 2) Nicole made \$35,000 a year in 1997. In 2011, she makes \$47,775. Use a CPI proportion to determine whether Nicole's salary has kept up with inflation.
  
- 3) Majestic made \$28,000 a year in 2004. In 2011, he makes \$60,000. Use a CPI proportion to determine whether Majestic's salary has kept up with inflation.
  
- 4) Lisa made \$31,500 a year in 2009. In 2011, she makes \$36,000. Use a CPI proportion to determine whether Lisa's salary has kept up with inflation.
  
- 5) Frankie made \$11 an hour in the year in 2000. In 2011, he makes \$14.50 per hour. Use a CPI proportion to determine whether Frankie's salary has kept up with inflation.
  
- 6) Lyndsie made \$10 an hour in 2007. In 2011, she makes \$12. Use a CPI proportion to determine whether Lyndsie's salary has kept up with inflation.
  
- 7) Robert made \$25,000 a year in 1982. What salary would Robert need to make to have kept up with inflation in the year 2011?
  
- 8) Katie made \$45,000 a year in 1990. What salary would Katie need to make to have kept up with inflation in the year 2011?