

QUIZ 13

Name _____

1. The table shows the projected number of homes with a cable system offering internet access.

Year	Homes (millions)
1998	19.1
1999	29.0
2000	39.0
2001	45.4
2002	51.8
2003	57.3
2004	62.8
2005	67.4

What is the change in number of Homes with internet access between 1999 and 2004? What is the percentage change over that same time?

2. Find $f'(x)$ where $f(x) = 4x^2 - x + \frac{3}{x^2}$

3. Find $\int 3^x + 4\sqrt{x} + 8x^2 \, dx$