Accelerated Alg. II

Polynomial Addition & Subtraction with Function Notation

Find and .

1.

2.

3.

4.

5. Using the functions from #1, find

6. Using the functions from #3, find

7. The number of men and women age 16 and over employed each year in the U.S. can be modeled by the following equations, where *x* is the number of years since 1994 and *y* is the number of people in thousands:

Women: Men:

a) Write a function that models the total number of men and women employed in the U.S. during this time.

b) If *f* is the function for the number of men, and *g* is the function for the number of women, what does represent?