

For each of the following functions,

- (a) determine the input information;
 - (b) determine the output information;
 - (c) determine the input;
 - (d) determine the output;
 - (e) determine the input units;
 - (f) determine the output units;
 - (g) explain why negative inputs are or are not meaningful for the function; and
 - (h) explain why negative output are or are not meaningful for the function.
1. Suppose $W(t)$ is the number of hours that the Governor of Massachusetts works at the State House t days after (s)he takes office.
 2. Suppose $C(x)$ is the average cost, in dollars, to produce The Boston Globe x years after 1980.
 3. Suppose $B(x)$ is the average cost, in thousands of dollars, to dig an x foot deep trench at the Big Dig site.
 4. Suppose $R(x)$ is Staples' revenue, in thousands of dollars, from the sale of software x years after 1990.
 5. Suppose $D(t)$ is the United States deficit, in billions of dollars, t years after 1990.
 6. Suppose $P(x)$ is the profit at the Framingham State College bookstore x days after September 1.
 7. Suppose $H(x)$ is your height, in inches, when you weigh x pounds.
 8. Suppose $W(x)$ is the amount of money in your wallet x hours after 8 am.
 9. Suppose $G(x)$ is the average cost to fill a 20 gallon gas tank x years after 1980.
 10. Suppose $S(x)$ is the salary of the President of the United States of America x years after 1900.
 11. Suppose $E(x)$ is the cost, in dollars to produce x watts of electricity.
 12. Suppose $G(x)$ is the cost, in dollars, for x hours of labor to repair a Gateway laptop computer.