# Math 1010
## Intermediate Algebra

1) The property tax that a homeowner pays is a function of the assessed value of the house.

2) The weight of a letter is a function of the postage price.

3) The cost at the gas pump is a function of the number of gallons of gas purchased.

4)

| Day in July | 3 | 7 | 15 | 16 | 21 | 22 |
|---|---|---|---|---|---|---|
| High Temperature | 75 | 82 | 80 | 74 | 81 | 82 |

a) Is the high temperature a function of the day?

b) Is the day a function of the high temperature?

5)

| Hours Worked | 30 | 32 | 37 | 40 | 43 |
|---|---|---|---|---|---|
| Amount Paid | 240 | 256 | 296 | 320 | 344 |

a) Is the amount paid a function of the number of hours worked?

b) Is the number of hours worked a function of the amount paid?