

Problem 1

- |          |          |                          |         |
|----------|----------|--------------------------|---------|
| a) False | c) False | e) <del>True</del> False | g) True |
| b) False | d) True  | f) False                 | h) True |

Problem 2

Given is the set  $X$  of all months of the year

$$X = \{ \text{January, February, March, April, May, June, July, August, September, October, November, December} \}$$

We are interested in the subset  $Y$  of the months without the letter  $R$  of  $X$ , thus  $Y$  contains only the months without the letter  $R$  in  $X$ :

$$Y = \{ \text{May, June, July, August} \}$$

