

## H. Probability 2

Answer the following:

- a) If two cards are selected at random with replacement from a deck of 52 cards, what is the probability that both cards are face cards (jack, queen, or king)?
- b) If a card is selected at random from a deck of 52 cards, what is the probability that the selected card is a face card (a jack, queen, or king)?

*Use R to solve this problem. Include in your answer the R-commands used to arrive at the results.*