Name_____ Date_____

Probability Ex. 3

For parts (a) to (e), answers should be given as i) words ii) a fraction in lowest terms iii) a decimal iv) a percent.

N.B. When writing your answer in words write it like this: a 9 in 15 chance. You do not need to underline, just put in the correct numbers.

3) Mom has a purse with 10 coins. 5 of them are 25 cent coins, 2 are 10 cent coins, 2 are 5 cent coins and 1 is a dollar coin.
What is the probability of selecting at random

a) a 25 cent coin; (i) _____ (ii) _____ (iii) _____ (iv) _____

b) a 25 cent, 10 cent or dollar coin; (i) _____ (ii) _____ (iii) _____ (iv) _____

c) a 10 cent coin; (i) _____ (ii) _____ (iii) _____ (iv) _____

d) a 5 cent or a dollar coin; (i) _____ (ii) _____ (iii) _____ (iv) _____

e) a 10 cent or a 25 cent coin; (i) _____ (ii) _____ (iii) _____ (iv) _____

f) Which coins are equally likely to be chosen? _____ coin and _____ coin

g) Which coin is most likely to be chosen? _____ coin

h) Which coin is least likely to be chosen? _____ coin