JustMaths

MISSION (not) IMPOSSIBLE

Your challenge should you choose to accept it, is to answer the following question

A bag only contains black counters and white counters. A counter is chosen from the bag at random and replaced. Another counter is then chosen from the bag at random. The probability of choosing **two** black counters is 0.36

a) Show that the probability of choosing a black counter each time is 0.6

(1)

b) Work out the probability of choosing two white counters.

(2)

c) Work out the probability of choosing at least one white counter.

(2)