A box contains 7 coins, namely 4 dimes and 3 pennies. You pick 3 coins at random from the box without replacement. All coins are equally likely to be chosen. What is the probability that the three chosen coins are not all dimes and no two of the chosen coins are both pennies?

(a) 18/35

(b) 3/7

(c) 1/14

(d) 1/42

(e) 6/35

(f) 1/6

(g) 1/12

(h) 1/7

(i) 3/7

(j) 3/35

(k) 1/84

(l) None of these