Suppose two fair dice are rolled. What is the probability the product of their values is not smaller than their sum ?

(a) 25/36

(b) 11/36

(c) 2/3

(d) 13/18

(e) 23/36

(f) 3/4

(g) 1/3

(h) 1/2

(i) 5/6

(j) 1/6

(k) 7/9

(l) 8/9

(m) None of these