

An experiment consists of flipping two fair coins. Let E be the event that we get no Tails in the two flips. We repeat the experiment in three independent trials. What is the probability that event E does not occur in any of the trials?

- (a) $27/64$
- (b) $1/64$
- (c) $1/8$
- (d) $7/8$
- (e) $9/16$
- (f) $7/16$
- (g) $37/64$
- (h) $27/32$
- (i) $1/512$
- (j) $1/256$
- (k) $1/27$
- (l) None of these