

What is the probability that both coins are Heads given that the fair coin is Heads?

- (a) $1/3$
- (b) $2/3$
- (c) $1/2$
- (d) $1/6$
- (e) $5/6$
- (f) $1/4$
- (g) $3/4$
- (h) $1/9$
- (i) $2/9$
- (j) None of these