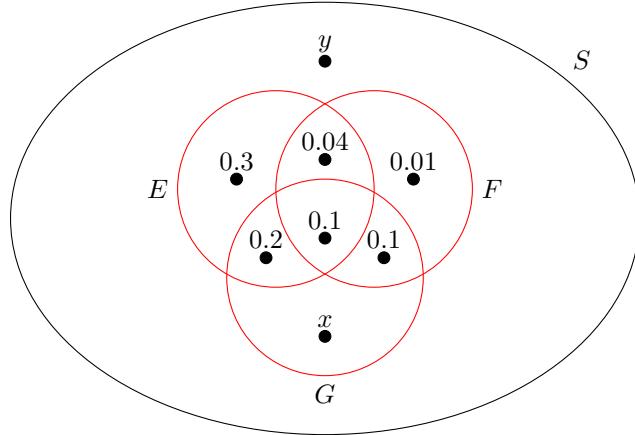


Suppose the sample space S of an experiment is shown below, with each element labeled by its probability. Also shown as red circles are three events E , F , and G . If E and F are independent given G , then what is the value of x ?



- (a) $1/5$
- (b) $1/3$
- (c) $1/10$
- (d) $1/12$
- (e) $2/5$
- (f) $1/24$
- (g) $1/8$
- (h) $3/8$
- (i) $1/16$
- (j) $1/15$
- (k) $2/15$
- (l) None of these