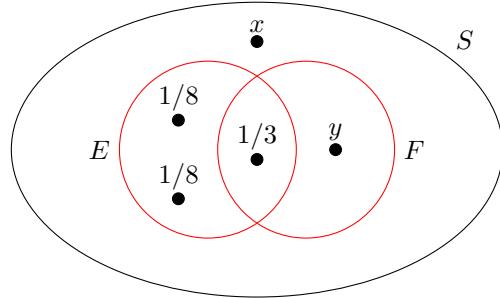


Suppose the sample space S of an experiment is shown below, with each element labeled by its probability. Also shown as red circles are two events E and F . If E^c and F^c are independent, then what is the value of y ?



- (a) $5/21$
- (b) $5/7$
- (c) $1/12$
- (d) $1/3$
- (e) $2/3$
- (f) $1/24$
- (g) $1/8$
- (h) $3/8$
- (i) $5/12$
- (j) $5/24$
- (k) $1/4$
- (l) None of these