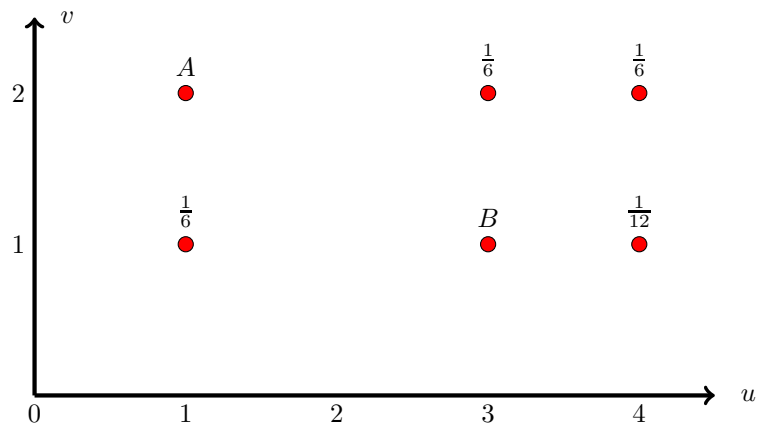


If independent random variables X and Y have joint probability mass function $p_{X,Y}(u, v)$ shown below, then what is the probability that $XY = 3$?



- (a) None of these
- (b) $1/48$
- (c) $1/2$
- (d) $1/3$
- (e) $1/4$
- (f) $2/3$
- (g) $3/4$
- (h) $1/6$
- (i) $1/24$
- (j) $5/12$
- (k) $5/6$
- (l) $1/9$
- (m) $7/12$