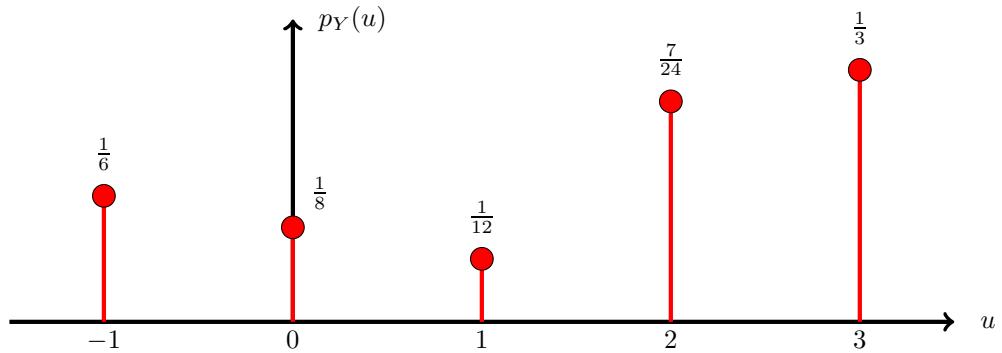


If a random variable Y has probability mass function shown below, then what is the probability that $Y^2 - 2Y - 3$ is nonnegative?



- (a) $1/2$
- (b) $1/6$
- (c) $1/4$
- (d) $1/3$
- (e) $2/3$
- (f) $1/8$
- (g) $5/8$
- (h) $3/4$
- (i) $7/8$
- (j) $7/24$
- (k) $7/12$
- (l) None of these