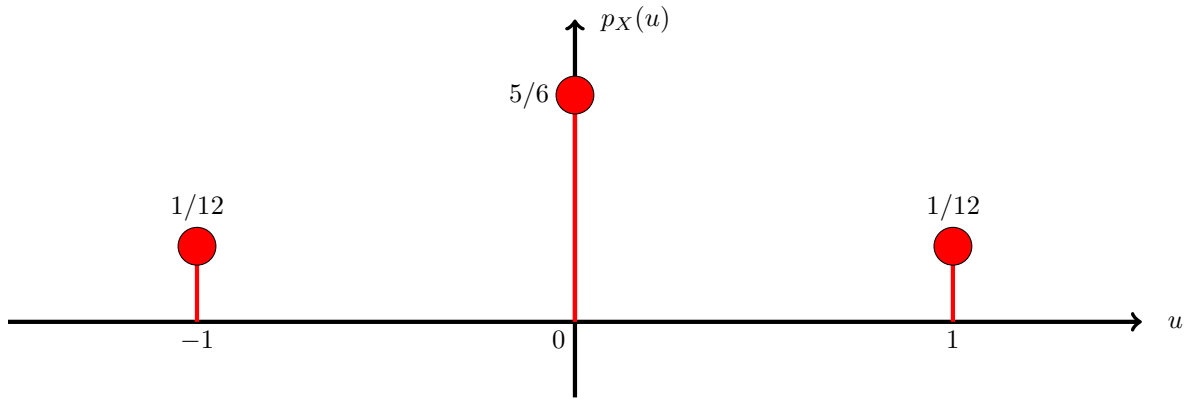


If  $X$  is a discrete random variable whose probability mass function is shown below, then what is the variance of  $2 - 3X^2$  ?



- (a)  $5/4$
- (b)  $5/8$
- (c)  $3/2$
- (d)  $3/4$
- (e)  $1/2$
- (f)  $4/5$
- (g)  $3/5$
- (h)  $2/25$
- (i)  $1/25$
- (j)  $9/25$
- (k)  $3/25$
- (l) None of these