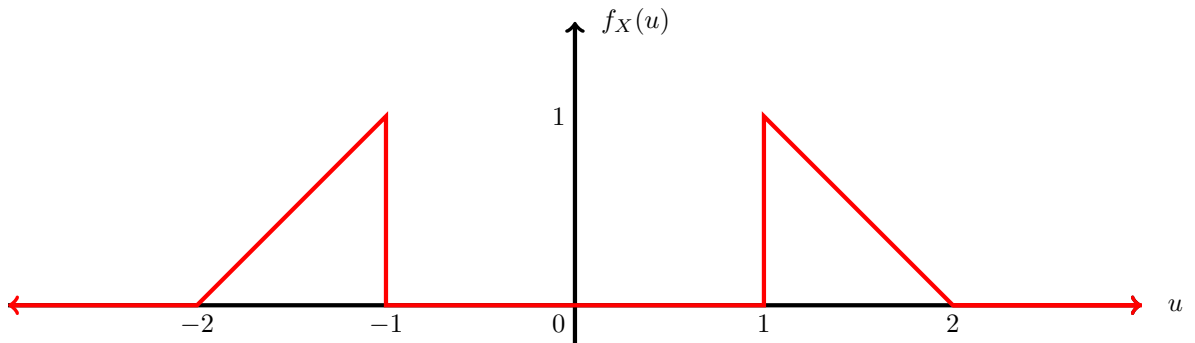


What is the variance of a random variable  $X$  whose probability density function is shown below?



- (a)  $11/6$
- (b)  $11/12$
- (c)  $3/4$
- (d)  $5/6$
- (e)  $7/12$
- (f)  $1/6$
- (g)  $1/3$
- (h) 0
- (i)  $1/2$
- (j)  $1/8$
- (k)  $5/2$
- (l) None of these