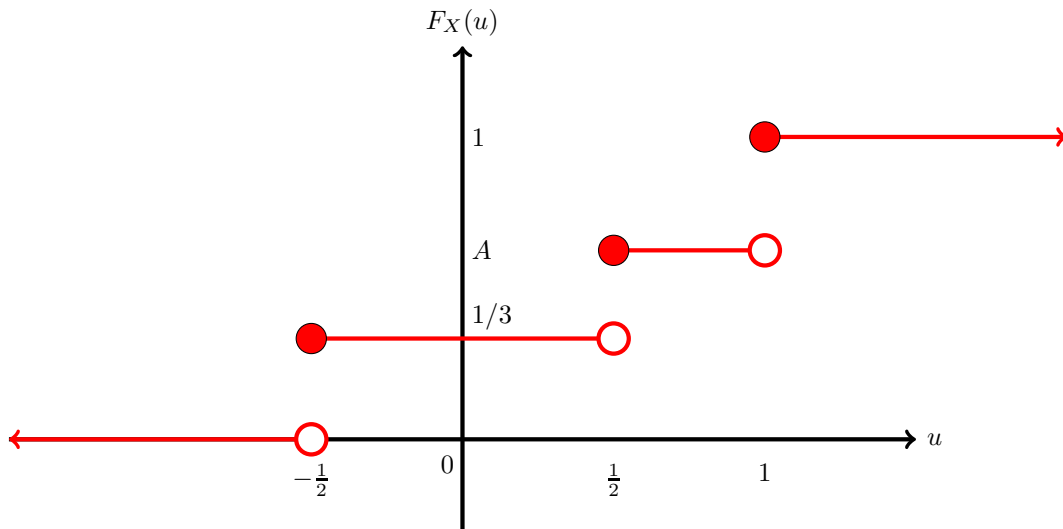


The cumulative distribution function of a random variable X is shown below. If the probability that $|X - \frac{1}{2}| > \frac{1}{4}$ equals $\frac{1}{2}$, then what is the value of A ?



- (a) $5/6$
- (b) None of these
- (c) $1/2$
- (d) $1/4$
- (e) $5/8$
- (f) $3/8$
- (g) $3/4$
- (h) $2/3$
- (i) $1/8$
- (j) $1/6$
- (k) 1
- (l) $5/16$