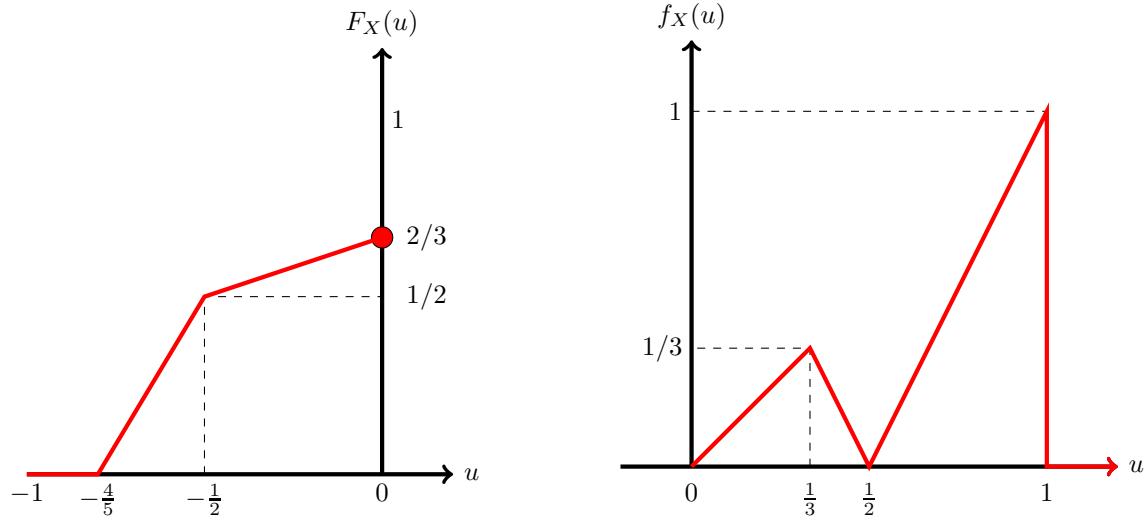


A random variable X has a CDF $F_X(u)$ which is partially shown below in red (i.e. only when $u \leq 0$) and a pdf $f_X(u)$ which is partially shown below in red (i.e. only when $u > 0$). What is the CDF value $F_X(1/3)$?



- (a) $13/18$
- (b) $1/18$
- (c) $3/4$
- (d) $1/4$
- (e) $1/2$
- (f) $5/6$
- (g) $1/6$
- (h) $1/12$
- (i) $3/8$
- (j) $2/3$
- (k) $7/9$
- (l) $1/3$
- (m) None of these