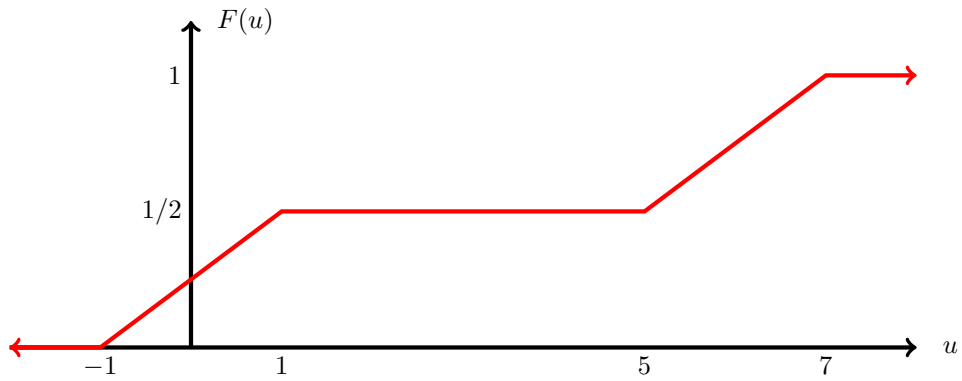What is the variance of a random variable whose cummulative distribution function is shown below?

(a) 28/3

(b) 14/3

(c) 56/3

(d) 112/3

(e) 6

(f) 3

(g) 1/3

(h) 2/3

(i) 16

(j) 8

(k) 9

(l) None of these