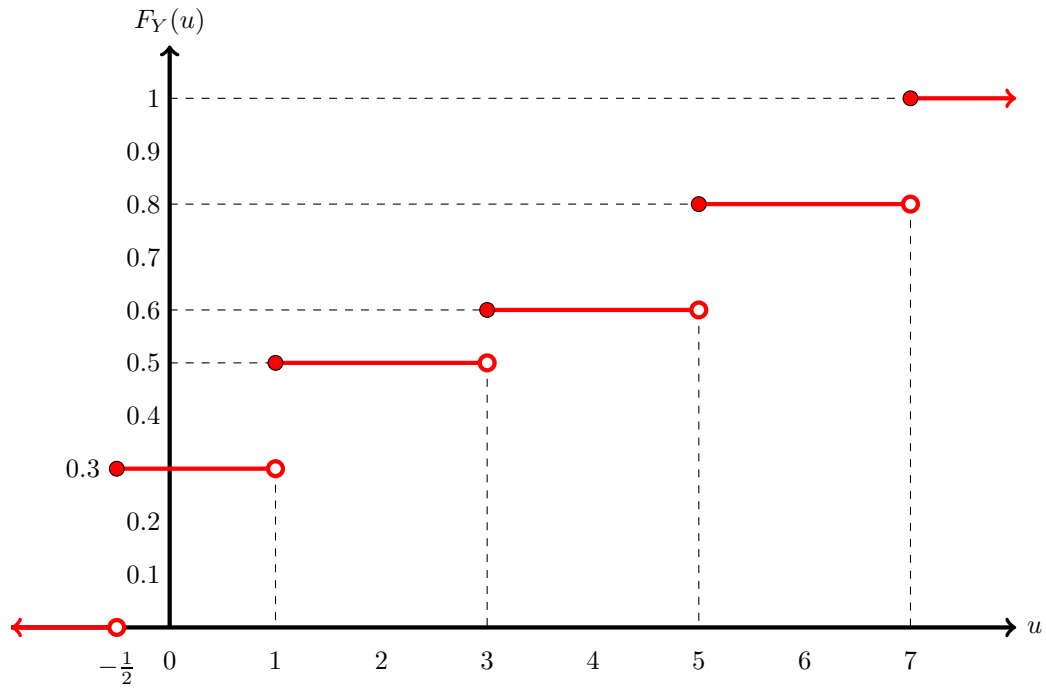


The cumulative distribution function of a random variable  $Y$  is shown below. What is the probability that  $Y$  lies in the set  $[4, 6) \cup (3, 5) \cup (-\infty, 2] \cup (-1, 3)$  ?



- (a) 0.7
- (b) 0.6
- (c) 0.5
- (d) 0.4
- (e) 0.3
- (f) 0.2
- (g) 0.1
- (h) 0.8
- (i) 0.9
- (j) 0
- (k) 1
- (l) None of these