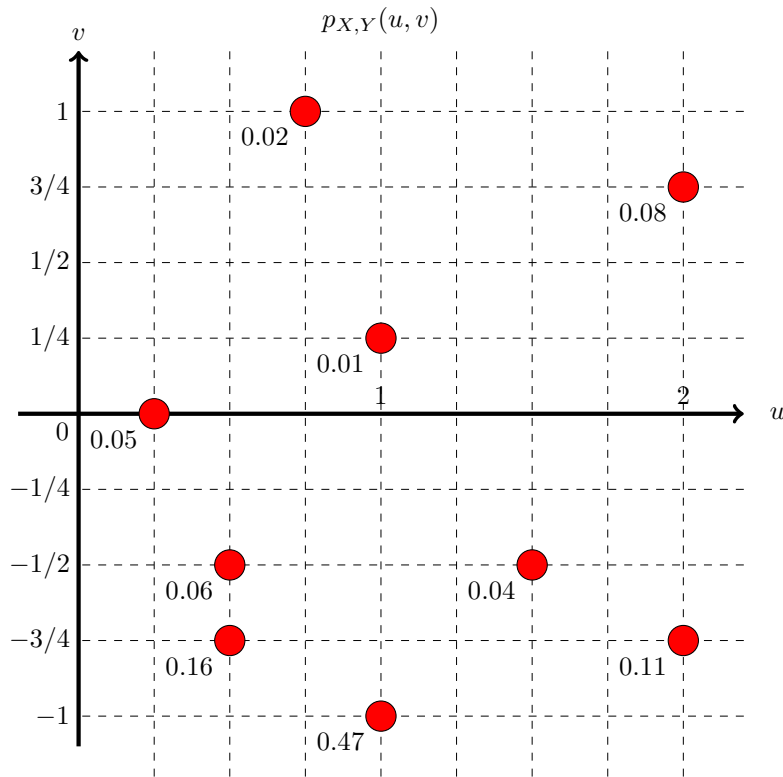


Random variables  $X$  and  $Y$  have the joint probability mass function shown below. What is the probability that  $X$  is greater than  $2^Y$ ?



- (a) 0.7
- (b) 0.59
- (c) 0.62
- (d) 0.51
- (e) 0.71
- (f) 0.86
- (g) 0.92
- (h) 0.75
- (i) 0.35
- (j) 1
- (k) 0
- (l) None of these