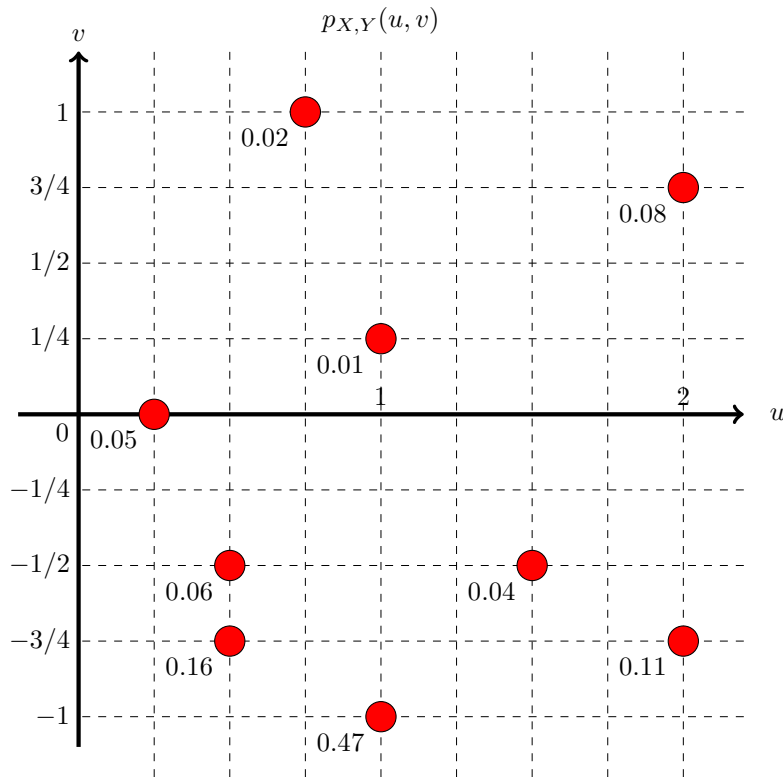


Random variables X and Y have the joint probability mass function shown below. What is the probability that $X^2 + Y^2$ is less than one?



- (a) 0.27
- (b) 0.73
- (c) 0.59
- (d) 0.62
- (e) 0.51
- (f) 0.71
- (g) 0.86
- (h) 0.05
- (i) 0.11
- (j) 0.35
- (k) 1
- (l) 0
- (m) None of these