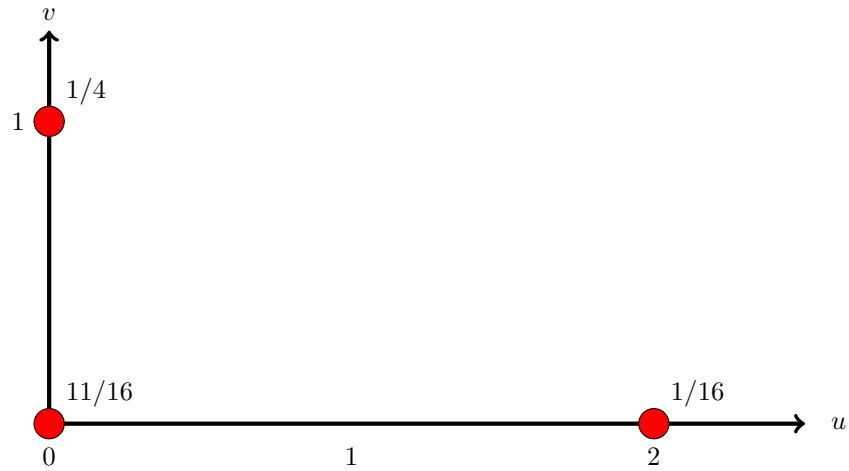Random variables X and Y have joint probability mass function $p_{X,Y}(u,v)$ shown below. What is the expected value of $X/(Y+1)$?

(a) 1/8

(b) 1/4

(c) 3/4

(d) 3/2

(e) 1/2

(f) 2

(g) 1/3

(h) 0

(i) 1/16

(j) 3/16

(k) 5/16

(l) None of these