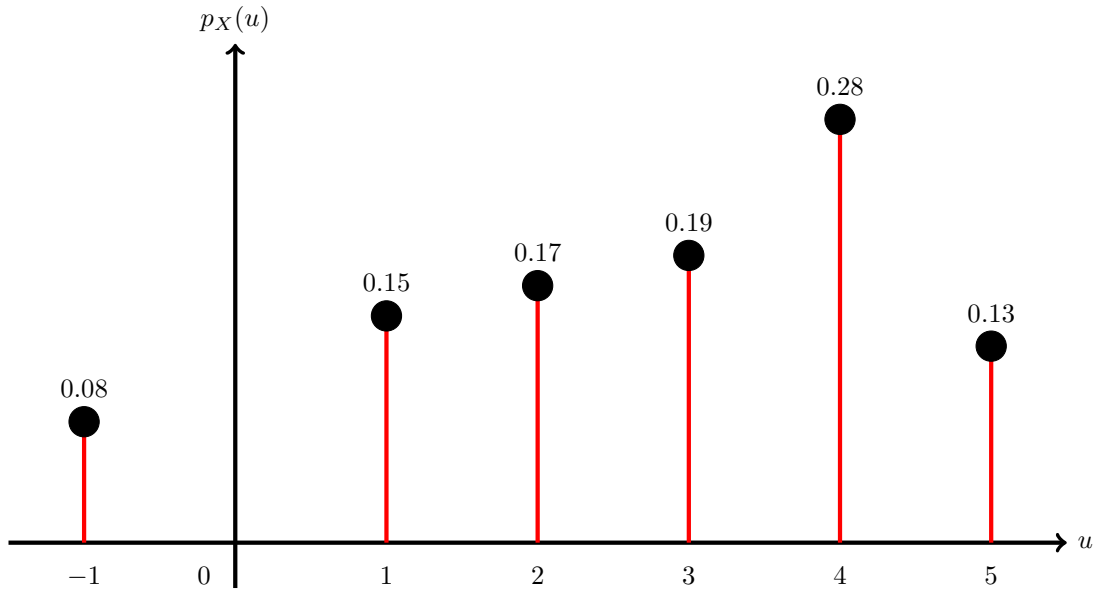Suppose X is a random variable whose probability mass function is shown below. What is the probability that $(X - 2)(X + 2)$ is larger than $5X - 8$?

(a) 0.21

(b) 0.08

(c) 0.13

(d) 0.49

(e) 0.36

(f) 0.79

(g) 0.41

(h) 0.23

(i) 0

(j) 1

(k) 0.92

(l) None of these