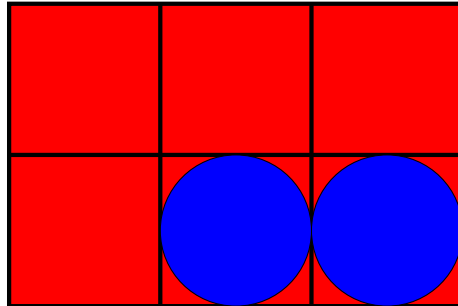


If two coins are randomly placed in two of the six squares in a  $2 \times 3$  grid, what is the probability the two chosen squares are horizontally adjacent? The figure below shows an example where they are horizontally adjacent.



- (a)  $4/15$
- (b)  $2/15$
- (c)  $1/15$
- (d)  $1/30$
- (e)  $4/5$
- (f)  $2/5$
- (g)  $1/3$
- (h)  $1/2$
- (i)  $1/6$
- (j)  $2/3$
- (k)  $1/5$
- (l) None of these.