

Different dice

Roll two fair dice independently.
Let U be the minimum of the two rolls and V be the maximum

Are U and V independent?

Write the joint distribution in the table

What's $p_U(z)$? (the marginal for U)

$p_{U,V}$	$U=1$	$U=2$	$U=3$	$U=4$
$V=1$				
$V=2$				
$V=3$				
$V=4$				

Fill out the poll everywhere so
Kushal knows how long to explain
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