

# random variables

## exercise 1

Toss two dice, the sample space is given by  $\Omega : \{1,2,3,4,5,6\} \times \{1,2,3,4,5,6\}$

Let the random variable  $X$  denote the sum of the two dice.

What is the probability of each outcome  $X$ ?

	1	2	3	4	5	6
1						
2						
3						
4						
5						
6						

discrete random variables: probability mass function