

probability of an event

exercise 2

Roll two dice, each with numbers 1–6. Let X denote the first roll and Y the second roll.

- (a) Find the probability of $P(X) = 1$
- (b) Let $Z = \min(X, Y)$ and find the probability $P(Z) = 6$
- (c) Let $Z = \min(X, Y)$ and find the probability $P(Z) = 3$

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

equally likely outcomes

equally likely