
Give answers as fractions and percentages.

Problem	Answer	Problem	Answer
1. $P(3)$		6. $P(\text{same number twice})$	
2. $P(\text{odd})$		7. Expected 4s in 100 picks	
3. $P(\text{greater than } 3)$		8. $P(\text{sum of two picks} = 10)$	
4. $P(\text{not } 5)$		9. $P(\text{sum of two picks} = 6)$	
5. $P(5 \text{ then } 5)$		10. $P(\text{at least one } 1 \text{ in two picks})$	

Notes

Answer key — Probability with 1–5

#	Problem	Answer
1	P(3)	$1/5 = 20\%$
2	P(odd)	$3/5 = 60\%$
3	P(greater than 3)	$2/5 = 40\%$
4	P(not 5)	$4/5 = 80\%$
5	P(5 then 5)	$1/25 = 4\%$
6	P(same number twice)	$1/5 = 20\%$
7	Expected 4s in 100 picks	20
8	P(sum of two picks = 10)	$1/25 = 4\%$
9	P(sum of two picks = 6)	$5/25 = 20\%$
10	P(at least one 1 in two picks)	$9/25 = 36\%$

Notes