

TWO-STAGE PROBABILITY

SKILLS QUESTIONS

COMPARING GAMBLING GAMES



	GAMBLING GAME A	GAMBLING GAME B	WHICH IS BETTER – A OR B?
Q1	Picking a king from a pack of 52 cards	Picking a red card from a pack of 52 cards	
Q2	Throwing 2 tails with 2 coins	Throwing 2 heads with 2 coins	
Q3	Picking a black card from a pack of 52 cards	Winning the lucky door prize when 200 tickets were sold	
Q4	Throwing “snake eyes” (two ones) with 2 dice	Guessing the correct answer in a True/False question	
Q5	Throwing HT in that order with 2 coins	Throwing a total of one with 2 dice	
Q6	Throwing a total of 7 with 2 dice	Picking a 7 of diamonds from a pack of 52 cards	
Q7	Throwing HHT in that order with 3 coins	Having 2 sons out of 3 children	
Q8	Picking a queens of hearts from a pack of 52 cards	Picking the mystery boxed prize out of 3 boxes	

ANSWERS

Q1. B

Q2. Same

Q3. A

Q4. B

Q5. A

Q6. A

Q7. Same

Q8. B