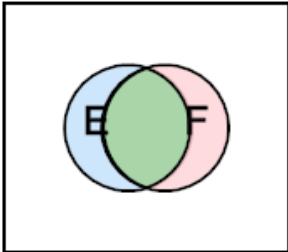


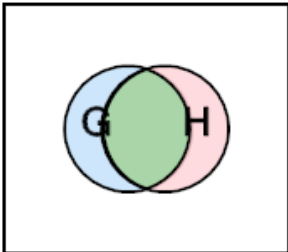
Probability Union, Intersection, Complement - Venn Diagram to Mutually Exclusive and Independent

1 Based on this Venn diagram, which statement best describes events E and F?



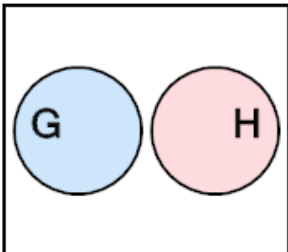
- A Mutually exclusive, but not independent
- B Independent, but not mutually exclusive
- C Neither mutually exclusive nor independent
- D Both mutually exclusive and independent

3 Based on this Venn diagram, which statement best describes events G and H?



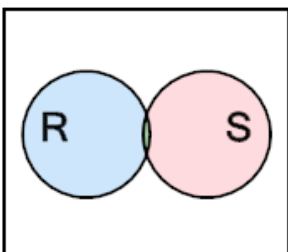
- A Mutually exclusive, but not independent
- B Independent, but not mutually exclusive
- C Neither mutually exclusive nor independent
- D Both mutually exclusive and independent

5 Based on this Venn diagram, which statement best describes events G and H?



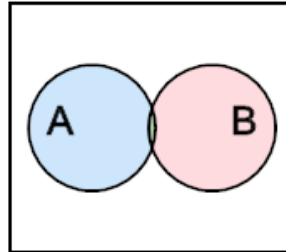
- A Mutually exclusive, but not independent
- B Independent, but not mutually exclusive
- C Neither mutually exclusive nor independent
- D Both mutually exclusive and independent

7 Based on this Venn diagram, which statement best describes events R and S?



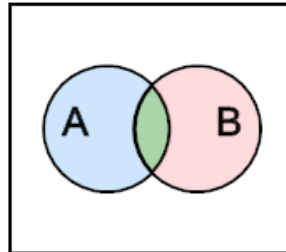
- A Mutually exclusive, but not independent
- B Independent, but not mutually exclusive
- C Neither mutually exclusive nor independent
- D Both mutually exclusive and independent

2 Based on this Venn diagram, which statement best describes events A and B?



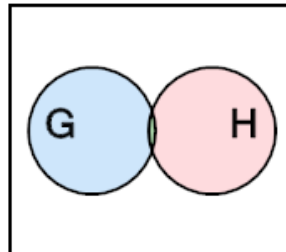
- A Mutually exclusive, but not independent
- B Independent, but not mutually exclusive
- C Neither mutually exclusive nor independent
- D Both mutually exclusive and independent

4 Based on this Venn diagram, which statement best describes events A and B?



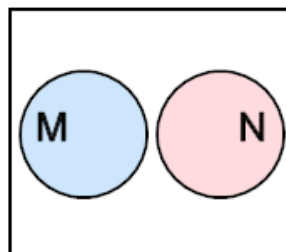
- A Mutually exclusive, but not independent
- B Independent, but not mutually exclusive
- C Neither mutually exclusive nor independent
- D Both mutually exclusive and independent

6 Based on this Venn diagram, which statement best describes events G and H?



- A Mutually exclusive, but not independent
- B Independent, but not mutually exclusive
- C Neither mutually exclusive nor independent
- D Both mutually exclusive and independent

8 Based on this Venn diagram, which statement best describes events M and N?



- A Mutually exclusive, but not independent
- B Independent, but not mutually exclusive
- C Neither mutually exclusive nor independent
- D Both mutually exclusive and independent