



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

1

Which Venn diagram represents this situation?

Events E and F are independent.

A		B	
C			

Which Venn diagram represents this situation?

Events R and S are independent.

A		B	
C			

3

Which Venn diagram represents this situation?

Events A and B are independent.

A		B	
C			

4

Which Venn diagram represents this situation?

Events A and B are mutually exclusive.

A		B	
C			

5

Which Venn diagram represents this situation?

Events R and S are mutually exclusive.

A		B	
C			

6

Which Venn diagram represents this situation?

Events M and N are independent.

A		B	
C			

7

Which Venn diagram represents this situation?

Events G and H are independent.

A		B	
C			

8

Which Venn diagram represents this situation?

Events M and N are mutually exclusive.

A		B	
C			