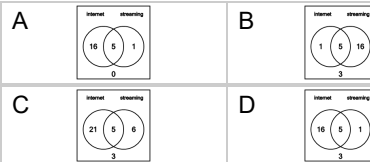


Probability Union, Intersection, Complement - Word Problem Counts to Venn Diagram

1

Which Venn diagram correctly shows the number of households in each region?

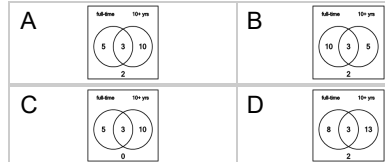
In a group of 25 households, 21 have internet, 6 have a streaming service, and 5 have both.



2

Which Venn diagram correctly shows the number of employees in each region?

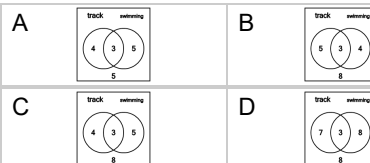
In a group of 20 employees, 8 are full-time, 3 have both, and 10 are in the 10+ yrs group but not the full-time group.



3

Which Venn diagram correctly shows the number of students in each region?

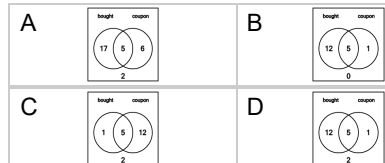
In a group of 20 students, 3 do both, 4 are in the track group but not the swimming group, and 5 are in the swimming group but not the track group.



4

Which Venn diagram correctly shows the number of customers in each region?

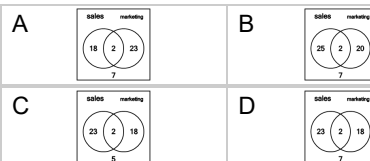
In a group of 20 customers, 12 are in the bought group but not the coupon group, 1 are in the coupon group but not the bought group, and 2 are in neither group.



5

Which Venn diagram correctly shows the number of employees in each region?

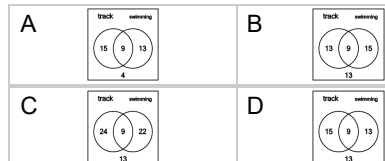
In a group of 50 employees, 25 work in sales, 20 work in marketing, and 7 are in neither group.



6

Which Venn diagram correctly shows the number of students in each region?

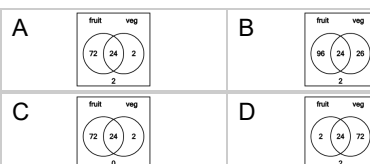
In a group of 50 students, 24 run track, 9 do both, and 13 are in neither group.



7

Which Venn diagram correctly shows the number of shoppers in each region?

In a group of 100 shoppers, 96 bought fruit, 24 bought both, and 2 are in the veg group but not the fruit group.



8

Which Venn diagram correctly shows the number of voters in each region?

In a group of 20 voters, 6 support candidate A, 2 support both, and 1 are in neither group.

