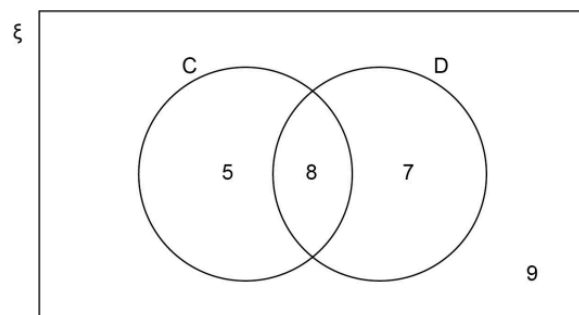


Q1. (2019)

- 22** ξ = 29 students in a class
 C = students who own a cat
 D = students who own a dog



- 22 (a)** A student is chosen at random.
 Circle the probability that the student owns a cat or a dog but not both.

$$\frac{12}{29}$$

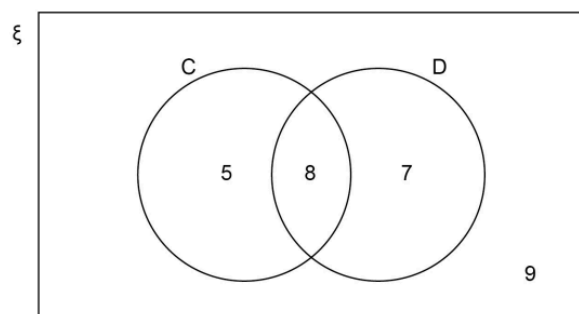
$$\frac{13}{29}$$

$$\frac{15}{29}$$

$$\frac{20}{29}$$

Q2. (2019)

- 22** ξ = 29 students in a class
 C = students who own a cat
 D = students who own a dog



- 22 (b)** A student who owns a dog is chosen at random.
 Circle the probability that the student also owns a cat.

[1 mark]

$$\frac{7}{15}$$

$$\frac{8}{15}$$

$$\frac{7}{29}$$

$$\frac{8}{29}$$

Q3. (2020)

- 1** What does $A \cup B$ represent in $P(A \cup B)$?
 Circle your answer.

[1 mark]

A or B or both

A but not B

not A and not B

A and B