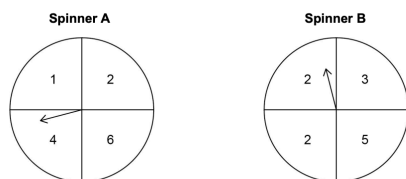


Q1. (2018)

- 13 In a game, two fair spinners are spun.



If the numbers the arrows land on are different, the score is the **higher** number.
If the numbers the arrows land on are the same, the score is 0

- 13 (b) Write down the probability that the score is an **odd** number.

[1 mark]

Answer _____

Q2. (2020)

- 19 Bags X and Y each contain counters.

<p>Bag X 30 counters Each counter is green, white or yellow</p>	<p>Bag Y 5 counters 3 green and 2 red</p>
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(A)

- 19 (a) $P(\text{green counter from X}) = P(\text{red counter from Y})$

Work out the number of green counters in X.

[2 marks]

Answer _____

(B)

- 19 (b) All 35 counters are put into one bag.

One counter is picked at random.

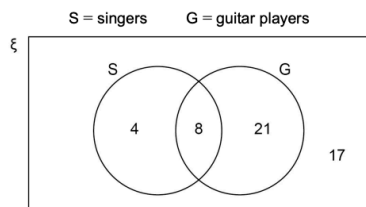
Work out the probability that the counter is **not** red.

[2 marks]

Answer _____

Q3. (2020)

- 12 The Venn diagram shows information about 50 people who are in bands.



- 12 (c) One of the people is chosen at random.

Write down the probability that the person is

not a singer

and

not a guitar player.

[1 mark]

Answer _____

Q4. (2021)

- 14 Counters in a bag are red, white or blue.
A counter is picked at random.
Complete the table.

[2 marks]

	Red	White	Blue
Probability	0.15	0.4	

Q5. (2022)

- 15 In a bag there are only red discs, blue discs and green discs.
There are 10 red discs.
When one disc is picked at random

$$P(\text{red}) = \frac{1}{8}$$

$$P(\text{blue}) = \frac{2}{5}$$

How many **green** discs are in the bag?

[4 marks]