

Probability – 2025 Checkpoint Primary Math Stage 5

1. 1/No.20

Oliver has 30 roses.

10 of the roses are red.

Some of the roses are white.

The rest of the roses are yellow.

Total 20.
Yellow roses are greater
than White

Oliver picks a rose at random.

Oliver says, 'I am most likely to pick a yellow rose.'

Complete the table to make Oliver's statement correct.

Pick Yellow = 19

Rose (white)
= 1

Colour of rose	Number of roses
Red	10
White	1
Yellow	19

[1]

2. 1/No.27

Mia has a spinner with 8 equal sections.

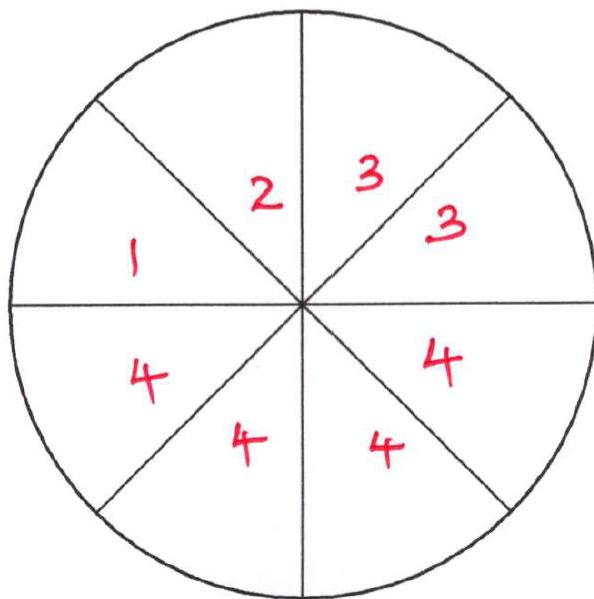
Each section has the number 1 or 2 or 3 or 4 written on it.

Mia is more likely to spin a 3 than a 2

Mia is equally likely to spin a 2 or a 1

Mia is less likely to spin a 3 than a 4

Write a number in each section to complete Mia's spinner.



[1]

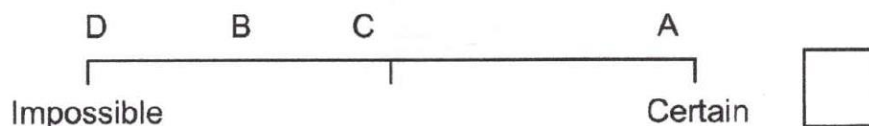
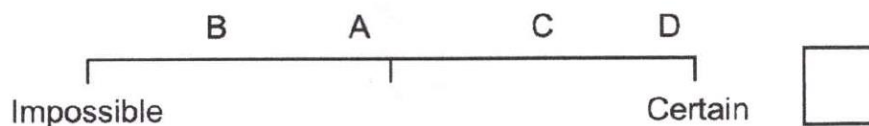
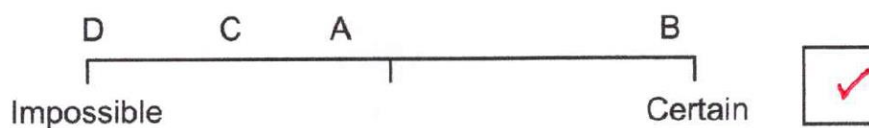
3. 2/No.21

Here is a list of events labelled A, B, C and D.

Label	Event
A	Someone in Mia's class has pasta for dinner next Sunday.
B	Mia has a drink next Monday.
C	Mia is late for school next Tuesday.
D	Wednesday is the day after Saturday. (impossible)

Lily wants to order the events on a likelihood scale.

Tick (✓) the correct likelihood scale.



[1]

4. 2/No.26

A bag contains 10 beads.

There are only red, yellow and blue beads in the bag.

Ahmed picks a bead at random and then returns it to the bag.

He does this 100 times.

Here are his results.

Colour of bead	Number of times picked
Red	23
Yellow	28
Blue	49

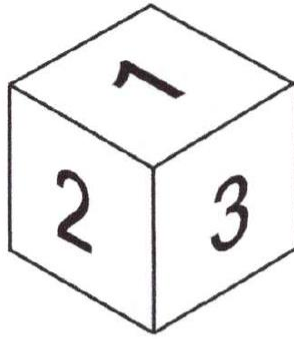
Tick (✓) all the statements that **could** be true.

There are more blue beads than yellow beads in the bag	✓
There are more blue beads than red beads in the bag	✓
There are more red beads than yellow beads in the bag	

[1]

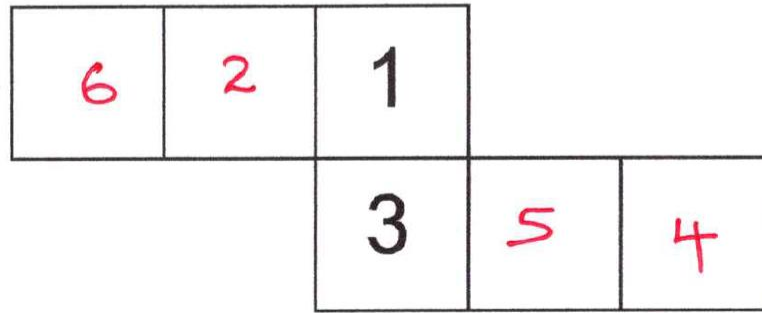
5. 2/No.34

Here is a drawing of a dice.



The numbers on the opposite faces of the dice add up to 7

Write a number on each face to complete the net of the dice.



[1]