**Question 1**

Use a word from the box which best describes the probability of each of the following event.

When you throw an ordinary coin you get a tail.

**Question 2**

Use a word from the box which best describes the probability of each of the
 following event.

When you throw an ordinary dice you get a number less than 7.

**Question 3**

Bill has some counters in a bag.

3 of the counters are red.
 7 of the counters are blue.
 The rest of the counters are yellow.

Bill takes at random a counter from the bag.
The probability that he takes a yellow counter is $\frac{2}{7}$.

How many yellow counters are in the bag before Bill takes a counter?

**Question 4**

Lukas has a fair ordinary dice.
Lukas rolls the dice once.

On the probability scale below, mark with a cross (×) the probability that Lukas gets an odd number.



**Question 5**

Lukas has a fair ordinary dice.
Lukas rolls the dice once.

On the probability scale below, mark with a cross (×) the probability that Lukas gets the number 2



**(1 mark)**

**Question 6**

Write down the probability of an event that is impossible.

**Question 7**

The probability that Jamil will be late for work is 0.2. Work out the probability that Jamil will not be late for work.

**Question 8**

A bag contains only red bricks and blue bricks.
There is a total of 20 bricks in the bag.

The probability that a brick taken at random from the bag will be red is $\frac{2}{5}$.

How many blue bricks are there in the bag?

**Question 9**

An ordinary fair dice is thrown once.

On the probability scale below, where would you mark the probability that the dice lands on an odd number?



**Question 10**

An ordinary fair dice is thrown once.

Write down the probability that the dice lands on a number greater than 4