P(Heads on a fair coin) =

$\frac{1}{2}$

Unlikely

In words, P(It will snow in London in May)

1

P(Rolling 2 on a fair die) = $\frac{1}{6}$

P(Rolling higher than 4 on a fair die) =

P(Getting a number lower than 7 on a fair six – sided die) =

$\frac{2}{6}$ or $\frac{1}{3}$

P(Getting two tails when you flip two coins) = $\frac{1}{4}$

In words, P(A record will be broken at the next Olympic games)

Very likely

Even chance

0

P(Winning the National Lottery Jackpot) =

In words, P(You would get wet if you fell in the sea)

In words, P(Picking an even number on a fair six – sided die) =

P(Picking a red and 11 black marbles in a bag) = $\frac{5}{16}$

$\frac{1}{14\ 000\ 000}$

Certain

P(Being struck by lightning in the UK) = $\frac{1}{3\ 000\ 000}$

P(Picking a queen from a shuffled pack of cards) = $\frac{1}{13}$ or $\frac{4}{52}$

P(Picking a picture card from a shuffled pack of cards) = $\frac{12}{52}$ or $\frac{3}{13}$

P(Picking the queen of hearts from a shuffled pack of cards) = $\frac{1}{52}$

P(Picking a black ace from a shuffled pack of cards) = $\frac{2}{52}$ or $\frac{1}{26}$

P(Carl misses the bus) = $\frac{1}{2}$, so P(Carl catches the bus) =

$\frac{1}{2}$