

# Probability Task Cards

Upper Years Set

## Card 1

Calculate the probability of...

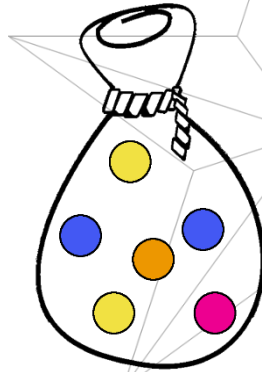
...rolling an even number on a 6-sided dice.



## Card 2

Calculate the probability of...

...pulling out a blue marble from the bag.



## Card 3

Calculate the probability of...

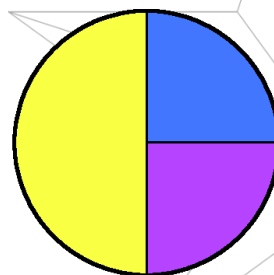
...picking out a black card from a deck of cards.



## Card 4

Calculate the probability of...

...the spinner landing on blue.



## Card 5

Calculate the probability of...

...flipping two coins at the same time and both landing on heads.



## Card 6

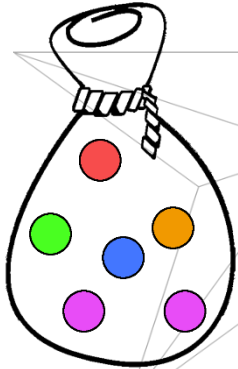
Calculate the probability of...

...rolling an odd number on a 12-sided dice.



### Card 7

Calculate the probability of...



...**not** pulling out a pink marble from the bag.

### Card 8

Calculate the probability of...

... picking out a 'hearts' card from a deck of cards.



### Card 9

Calculate the probability of...

Rolling a 12-sided dice and getting a 2 or a 3.



### Card 10

Calculate the probability of...

...pulling out a yellow marble from the bag.



### Card 11

Calculate the probability of...

...flipping two coins at the same time and getting heads on one and tails on the other.



### Card 12

Calculate the probability of...

...winning a game of Rock Paper Scissors.



### Card 13

Calculate the probability of...

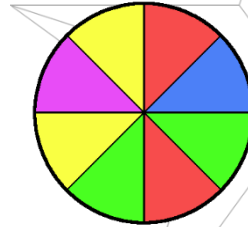
...rolling a factor of 18 on a 12-sided dice.



### Card 14

Calculate the probability of...

...the spinner landing on yellow, red or green.



### Card 15

Calculate the probability of...

...pulling out a green marble from the bag.



### Card 16

Calculate the probability of...

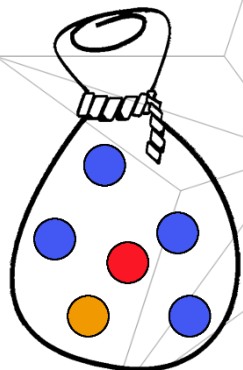
... picking out a 'hearts' or a 'clubs' card from a deck of cards.



### Card 17

Calculate the probability of...

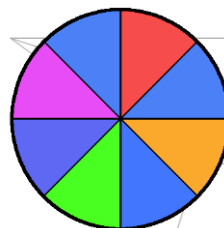
...pulling out a blue marble from the bag.



### Card 18

Calculate the probability of...

...the spinner landing on blue.



# Probability Task Cards

Write your answers to the task cards in the matching boxes.

Card 1	Card 2	Card 3	Card 4	Card 5	Card 6
Card 7	Card 8	Card 9	Card 9	Card 10	Card 11
Card 12	Card 13	Card 14	Card 15	Card 16	Card 18

# Probability Task Cards **Answers**

## Upper Years Set

Write your answers to the task cards in the matching boxes.

Card 1  0.5 or 1/2	Card 2  0.33* or 1/3	Card 3  0.5 or 1/2	Card 4  0.25 or 1/4	Card 5  0.25 or 1/4	Card 6  0.5 or 1/2
Card 7  0.67 or 2/3	Card 8  0.25 or 1/4	Card 9  0.166* or 1/6	Card 10  0.14 or 1/7	Card 11  0.5 or 1/6	Card 12  0.33* or 1/3
Card 13  0.42 or 5/12	Card 14  0.75 or 3/4	Card 15  0.4 or 2/5	Card 16  0.5 or 1/2	Card 17  0.67 or 2/3	Card 18  0.5 or 1/2