

1. A student is to be picked, at random from a class.

The probability that the student will be a boy is $\frac{3}{5}$

Work out the probability that the student will be a girl.

1.

2. There are only blue counters, green counters and yellow counters in a pot.

There are 2 blue counters.

There are 7 green counters.

There are 5 yellow counters.

Jason takes a counter, at random, from the pot.

- (a) Work out the probability that he takes a yellow counter.

(a)

- (b) Work out the probability that Jason takes a counter that is **not** yellow.

(b)

probabilitySingle (5) answers Q1: $\frac{2}{5}$, Q2: (a) $\frac{5}{14}$ (b) $\frac{9}{14}$, Q3: $\frac{8}{15}$, Q4: $\frac{522}{650}$

1. A student is to be picked, at random from a class.

The probability that the student will be a boy is $\frac{3}{5}$

Work out the probability that the student will be a girl.

1.

2. There are only blue counters, green counters and yellow counters in a pot.

There are 2 blue counters.

There are 7 green counters.

There are 5 yellow counters.

Jason takes a counter, at random, from the pot.

- (a) Work out the probability that he takes a yellow counter.

(a)

- (b) Work out the probability that Jason takes a counter that is **not** yellow.

(b)

3. There are only black pens, blue pens, green pens and red pens in a pot.

There are 3 black pens.

There are 7 blue pens.

There are 4 green pens.

There is 1 red pen.

David takes at random a pen from the pot.

Work out the probability that he takes a pen that is **not** blue.

3.

4. A U.K. Member of Parliament was selected at random in 2005.

The probability of selecting a woman was $\frac{128}{650}$

Work out the probability a man was selected.

Source www.ukpolitical.info

4.

3. There are only black pens, blue pens, green pens and red pens in a pot.

There are 3 black pens.

There are 7 blue pens.

There are 4 green pens.

There is 1 red pen.

David takes at random a pen from the pot.

Work out the probability that he takes a pen that is **not** blue.

3.

4. A U.K. Member of Parliament was selected at random in 2005.

The probability of selecting a woman was $\frac{128}{650}$

Work out the probability a man was selected.

Source www.ukpolitical.info

4.