

## ProbabilityStarters: key vocabulary

|                                 |                                                                                               |
|---------------------------------|-----------------------------------------------------------------------------------------------|
| <b>certain</b> .....            | sure to happen; its probability is one                                                        |
| <b>common denominator</b> ..... | a bottom number shared by two or more fractions, used for adding or comparing them.           |
| <b>cross-multiply</b> .....     | multiply the top of each side by the bottom of the other in two equal fractions               |
| <b>decimal</b> .....            | a number written with a point, where the digits after the point are parts of a whole          |
| <b>denominator</b> .....        | the number below the line in a fraction, showing how many equal parts the whole is split into |
| <b>equally likely</b> .....     | having the same probability as each other                                                     |
| <b>even chance</b> .....        | exactly as likely to happen as not; its probability is one half                               |
| <b>even number</b> .....        | a whole number that can be divided exactly by two.                                            |
| <b>event</b> .....              | something that may happen in a probability situation                                          |
| <b>expect</b> .....             | to work out the average number of times an outcome would happen over many goes                |
| <b>fair</b> .....               | where every possible outcome has the same probability                                         |
| <b>fraction</b> .....           | a number written as one whole split into equal parts, with a number of those parts taken      |
| <b>frequency tree</b> .....     | a diagram that splits a total into groups using two features                                  |
| <b>impossible</b> .....         | cannot happen; its probability is zero                                                        |
| <b>likely</b> .....             | has a probability more than one half but less than one                                        |
| <b>multiple</b> .....           | a number you get by multiplying another number by a whole number                              |
| <b>numerator</b> .....          | the number above the line in a fraction, showing how many equal parts are taken               |
| <b>odd number</b> .....         | a whole number that cannot be divided exactly by two.                                         |
| <b>outcome</b> .....            | one of the possible results when something is done                                            |
| <b>overlap</b> .....            | the part where two groups share members                                                       |
| <b>percentage</b> .....         | a number of parts out of a hundred                                                            |
| <b>probability</b> .....        | how likely something is, given as a number between 0 and 1                                    |
| <b>random</b> .....             | chosen so that every outcome has the same probability                                         |
| <b>scale</b> .....              | to enlarge or shrink a shape so every length changes in the same way                          |
| <b>simplest form</b> .....      | a fraction written with the smallest possible numbers above and below the line.               |
| <b>sum</b> .....                | the answer when numbers are added together                                                    |
| <b>unlikely</b> .....           | has a probability more than zero but less than one half                                       |
| <b>Venn diagram</b> .....       | a diagram with circles that shows what different groups share                                 |

Match the word to its meaning

|                           |                                                                                               |
|---------------------------|-----------------------------------------------------------------------------------------------|
| <b>certain</b>            | a number written with a point, where the digits after the point are parts of a whole          |
| <b>common denominator</b> | sure to happen; its probability is one                                                        |
| <b>cross-multiply</b>     | a whole number that can be divided exactly by two.                                            |
| <b>decimal</b>            | a bottom number shared by two or more fractions, used for adding or comparing them.           |
| <b>denominator</b>        | something that may happen in a probability situation                                          |
| <b>equally likely</b>     | exactly as likely to happen as not; its probability is one half                               |
| <b>even chance</b>        | having the same probability as each other                                                     |
| <b>even number</b>        | multiply the top of each side by the bottom of the other in two equal fractions               |
| <b>event</b>              | to work out the average number of times an outcome would happen over many goes                |
| <b>expect</b>             | the number below the line in a fraction, showing how many equal parts the whole is split into |
| <b>fair</b>               | a number written as one whole split into equal parts, with a number of those parts taken      |
| <b>fraction</b>           | a number you get by multiplying another number by a whole number                              |
| <b>frequency tree</b>     | has a probability more than one half but less than one                                        |
| <b>impossible</b>         | a diagram that splits a total into groups using two features                                  |
| <b>likely</b>             | the part where two groups share members                                                       |
| <b>multiple</b>           | where every possible outcome has the same probability                                         |
| <b>numerator</b>          | a number of parts out of a hundred                                                            |
| <b>odd number</b>         | the number above the line in a fraction, showing how many equal parts are taken               |
| <b>outcome</b>            | cannot happen; its probability is zero                                                        |
| <b>overlap</b>            | chosen so that every outcome has the same probability                                         |
| <b>percentage</b>         | a fraction written with the smallest possible numbers above and below the line.               |
| <b>probability</b>        | the answer when numbers are added together                                                    |
| <b>random</b>             | a whole number that cannot be divided exactly by two.                                         |
| <b>scale</b>              | one of the possible results when something is done                                            |

Match the word to its meaning: answers

|                           |                                                                                               |
|---------------------------|-----------------------------------------------------------------------------------------------|
| <b>certain</b>            | a number written with a point, where the digits after the point are parts of a whole          |
| <b>common denominator</b> | sure to happen; its probability is one                                                        |
| <b>cross-multiply</b>     | a whole number that can be divided exactly by two.                                            |
| <b>decimal</b>            | a bottom number shared by two or more fractions, used for adding or comparing them.           |
| <b>denominator</b>        | something that may happen in a probability situation                                          |
| <b>equally likely</b>     | exactly as likely to happen as not; its probability is one half                               |
| <b>even chance</b>        | having the same probability as each other                                                     |
| <b>even number</b>        | multiply the top of each side by the bottom of the other in two equal fractions               |
| <b>event</b>              | to work out the average number of times an outcome would happen over many goes                |
| <b>expect</b>             | the number below the line in a fraction, showing how many equal parts the whole is split into |
| <b>fair</b>               | a number written as one whole split into equal parts, with a number of those parts taken      |
| <b>fraction</b>           | a number you get by multiplying another number by a whole number                              |
| <b>frequency tree</b>     | has a probability more than one half but less than one                                        |
| <b>impossible</b>         | a diagram that splits a total into groups using two features                                  |
| <b>likely</b>             | the part where two groups share members                                                       |
| <b>multiple</b>           | where every possible outcome has the same probability                                         |
| <b>numerator</b>          | a number of parts out of a hundred                                                            |
| <b>odd number</b>         | the number above the line in a fraction, showing how many equal parts are taken               |
| <b>outcome</b>            | cannot happen; its probability is zero                                                        |
| <b>overlap</b>            | chosen so that every outcome has the same probability                                         |
| <b>percentage</b>         | a fraction written with the smallest possible numbers above and below the line.               |
| <b>probability</b>        | the answer when numbers are added together                                                    |
| <b>random</b>             | a whole number that cannot be divided exactly by two.                                         |
| <b>scale</b>              | one of the possible results when something is done                                            |