a) There are 25 sweets in a bag.
7 of the sweets are toffee and 18 are mint.
Reece takes two of the sweets at random.
Work out the probability that Reece takes two mints.

b) There are some sweets in a bag.
Some of the sweets are toffee and some are mint.
Reece takes two of the sweets at random.
The probability that Reece takes two mints is $\frac{42}{90}$.

How many toffees and how many mints are in the bag?

c) A pencil case contains 3 black pens, 5 blue pens and 2 red pens.
Two pens are removed at random.
What is the probability that the two pens are black and red?

BACKWARD FADED MATHS