

1. Complete this table to convert between decimals as percentages

question	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>
probability (decimal)	0.1	0.45	0.7	0.54	0.8	0.15	
probability (%)	10 %	45 %	%	%	%	%	38 %

2. There are only black counters, white counters, green counters and yellow counters in a bag.

The table shows the probability that a counter take at random from the bag will be black, or white or yellow.

Colour	black	white	green	yellow
Probability	0.1	0.32		0.45

Ginny takes at random a counter from the bag.

Work out the probability that the counter will be green.

2. ....

prob. single (13) Q1:(c) 70 %, (d) 54 %, (e) 80 %, (f) 15 % , (g) 0.38; Q2: 0.13, Q3: 0.33, Q4: 0.05

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3. Each student in year 10 studies one of four language options.

The probability a student will study each language option is given in the table below.

Language option	Extra English	French	German	Spanish
Probability	0.32	0.29	0.06	

A student in year 10 is chosen at random.

Work out the probability that the student studies Spanish as their language option.

3. ....

4. The sides of a **biased** dice are labelled 1, 2, 3, 4, 5 and 6.

The probability that the dice will land on each number is given in the table.

Number	1	2	3	4	5	6
Probability	0.15		0.1	0.15	0.1	0.4

Work out the probability that the dice will land on the number 2.

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