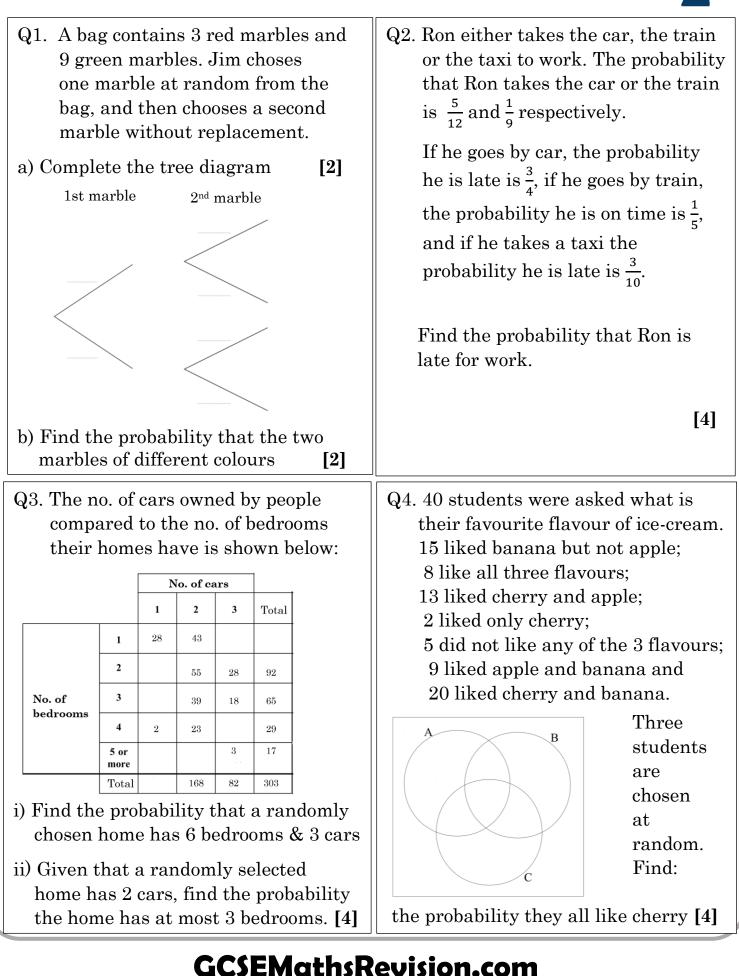
Conditional Probability Exam Practice







Q5. A bag contains 3 green balls, 5 yellow balls and 2 red balls. Mary selects two balls from the bag without replacement.			Q6. Rob selects 3 cards from the set below, without replacement. Find the probability that 2 of the
a) Complete the tree diagram [3]			letters in his choice are the same.
b) Find the p	robability th	nat Mary	QUADRATIC [4]
selects 1 y	ellow ball or	nly [3]	
Q7. A sixth form contains 120 students in total, and each one plays either tennis or cricket.			Q8. A jar contains n chocolates of which 7 are soft-centres. Sam selects two chocolates from the jar without looking. The
	Tennis	Cricket	probability that he picks out 2
Lower 6 th Form	30		soft-centres is $\frac{1}{10}$.
Upper 6 th Form	40	35	Find the number of chocolates in the jar which are not soft-centres.
Two students Find the prob play the same	ability that		[5]
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