

Maths Workout - Statistics & Probability

Topic 20 - Probability 2				
Target 1	Target 2	Target 3	Target 4	Target 5
<i>Understand independence Know and use the multiplication rule</i>	<i>Understand and complete a tree diagram: independent and dependent events</i>	<i>Use a tree diagram to calculate probabilities of independent events</i>	<i>Use a tree diagram to calculate probabilities of dependent events</i>	<i>Calculate 'At Least' probability Identify and calculate conditional probability</i>
1. Demo: Understand independence and the multiplication rule	1. Demo: Understand and complete a tree diagram: independent events	1. Demo: Use a tree diagram to calculate probabilities: independent events	1. Demo: Use a tree diagram to calculate probabilities: dependent events	1. Demo: Calculate 'At Least' probabilities
2. Calculate probabilities of independent events using the multiplication rule	2. Complete a tree diagram	2. Calculate probabilities of independent events using a tree diagram	2. Calculate probabilities of dependent events using a tree diagram	2. Demo: Calculate 'At Least' probabilities: alternative approach
3. Calculate probabilities of independent events using the multiplication rule	3. Complete a tree diagram	3. Calculate probabilities of independent events using a tree diagram	3. Calculate probabilities of dependent events using a tree diagram	3. Calculate 'At Least' probabilities
4. Calculate probabilities of independent events using the multiplication rule	4. Complete a tree diagram	4. Demo: Use a tree diagram to calculate probabilities: independent events	4. Calculate probabilities of dependent events using a tree diagram	4. Calculate 'At Least' probabilities
5. Calculate probabilities of independent events using the multiplication rule	5. Complete a tree diagram	5. Calculate probabilities of independent events using a tree diagram	5. Calculate probabilities of dependent events using a tree diagram	5. Calculate 'At Least' probabilities
6. Calculate probabilities of independent events using the multiplication rule	6. Complete a tree diagram	6. Calculate probabilities of independent events using a tree diagram	6. Calculate probabilities of dependent events using a tree diagram	6. Calculate 'At Least' probabilities
7. Calculate probabilities of independent events using the multiplication rule	7. Demo: Understand and complete a tree diagram: dependent events	7. Calculate probabilities of independent events	7. Calculate probabilities of dependent events	7. Demo: Identify conditional probabilities in a tree diagram
8. Calculate probabilities of independent events using the multiplication rule	8. Complete a tree diagram			8. Identify conditional probabilities in a tree diagram
9. Calculate probabilities of independent events using the multiplication rule	9. Complete a tree diagram			9. Identify conditional probabilities in a tree diagram
10: Demo: Summary of addition rule and multiplication rule	10. Complete a tree diagram			10. Calculate with conditional probabilities
	11. Complete a tree diagram			11. Calculate with conditional probabilities
	12. Complete a tree diagram			12. Calculate with conditional probabilities