

Numeracy Workout - Statistics & Probability

Topic 10 - Probability				
Target 1	Target 2	Target 3	Target 4	Target 5
<i>Know basic probability concepts</i> <i>Engage with probability words</i>	<i>Revision: Simplify a fraction</i>	<i>Understand simple probability</i> <i>Calculate and simplify simple probability as a fraction or in chance form</i>	<i>Calculate and express probability in the equivalent forms of chance, fraction, decimal and percentage</i>	<i>Complete a probability space diagram</i> <i>Calculate combined probabilities using a probability space diagram</i>
1. Demo: Know basic probability concepts	1. Demo: Understand how to simplify a fraction	1. Demo: Understand and calculate simple probability as a fraction	1. Express probability in the equivalent forms of chance, fraction, decimal and percentage	1. Demo: Use a probability space diagram to display the possible outcomes from 2 events
2. Engage with the language of probability by matching probability words with a value on the probability scale	2. Complete the missing numerator or denominator in a simplified fraction with assistance	2. Calculate simple probability as a fraction	2. Express probability in the equivalent forms of chance, fraction, decimal and percentage	2. Enter the possible results for the total score of 2 dice on a probability space diagram
3. Engage with the language of probability by matching a probability value with a probability word	3. Complete the missing numerator or denominator in a simplified fraction with assistance	3. Calculate simple probability as a fraction	3. Express probability in the equivalent forms of chance, fraction, decimal and percentage	3. Demo: Use a probability space diagram to calculate combined probabilities
4. Use a probability word to describe the probability of an outcome	4. Simplify a fraction	4. Demo: Understand and calculate simple probability in chance form	4. Express probability in the equivalent forms of chance, fraction, decimal and percentage	4. Use a probability space diagram to calculate combined probabilities
5. Use a probability word to describe the probability of an outcome	5. Simplify a fraction	5. Simplify a probability in chance form	5. Express probability in the equivalent forms of chance, fraction, decimal and percentage	5. Use a probability space diagram to calculate combined probabilities
6. Use a probability word to describe the probability of an outcome	6. Memory Task: Match a fraction and its simplified form	6. Simplify a probability in chance form	6. Express probability in the equivalent forms of chance, fraction, decimal and percentage	6. Use a probability space diagram to calculate combined probabilities
7. Use a probability word to describe the probability of an outcome	7. Identify the fraction of a shape that is coloured and express in simplified form	7. Calculate simple probability in chance form	7. Calculate simple probability as a chance	7. Enter the possible results for the product of the score of 2 dice on a probability space diagram
	8. Identify the fraction of a shape that is coloured and express in simplified form	8. Calculate simple probability in chance form	8. Calculate simple probability as a fraction	8. Use a probability space diagram to calculate combined probabilities
	9. Colour a simplified fraction of a shape		9. Calculate simple probability as a decimal	9. Use a probability space diagram to calculate combined probabilities
	10. Colour a simplified fraction of a shape		10. Calculate simple probability as a percentage	10. Use a probability space diagram to calculate combined probabilities
	11. Speed Response: Identify a fraction and its equivalent simplified form			