

Maths Workout - Statistics & Probability

Topic 10 - Introduction to Probability				
Target 1	Target 2	Target 3	Target 4	Target 5
<i>Know the probability scale Use probability words to describe outcomes</i>	<i>Calculate simple probability Simplify and compare probabilities in chance form</i>	<i>Express a probability in the equivalent forms of chance, fraction, decimal and percentage</i>	<i>Calculate simple probability in the forms of chance, fraction, decimal and percentage Solve problems with simple probability</i>	<i>Calculate probabilities using a possibility space diagram</i>
1. Demo: Know basic probability concepts	1. Demo: Know how to calculate simple probability	1. Express a probability in the equivalent forms of chance, fraction, decimal and percentage	1. Calculate simple probability on a spinner in chance form	1. Demo: Calculate a probability using a possibility space diagram
2. Engage with the language of probability by matching probability words with a value on the probability scale	2. Simplify a probability in chance form	2. Express a probability in the equivalent forms of chance, fraction, decimal and percentage	2. Calculate simple probability on a spinner in chance form	2. Enter the possible total scores for 2 dice on a possibility space diagram
3. Engage with the language of probability by matching a probability value with a probability word	3. Simplify a probability in chance form	3. Express a probability in the equivalent forms of chance, fraction, decimal and percentage	3. Calculate simple probability on a spinner as a fraction	3. Calculate probabilities using a possibility space diagram
4. Describe the probability of an outcome	4. Simplify a probability in chance form	4. Express a probability in the equivalent forms of chance, fraction, decimal and percentage	4. Calculate simple probability on a spinner as a decimal	4. Calculate probabilities using a possibility space diagram
5. Describe the probability of an outcome	5. Simplify a probability in chance form	5. Express a probability in the equivalent forms of chance, fraction, decimal and percentage	5. Calculate simple probability on a spinner as a percentage	5. Calculate probabilities using a possibility space diagram
6. Describe the probability of an outcome	6. Speed Response: Identify probabilities that are equivalent to 1 in 2	6. Identify 2 equivalent probabilities in the form of chance, fraction or percentage	6. Calculate simple probability on a spinner in the form of chance, fraction, decimal or percentage	6. Calculate probabilities using a possibility space diagram
7. Describe the probability of an outcome	7. Speed Response: Identify probabilities that are more likely than 1 in 2	7. Identify 2 equivalent probabilities in the form of chance, fraction, decimal or percentage	7. Solve problems with simple probability	7. Calculate probabilities using a possibility space diagram
	8. Speed Response: Identify probabilities that are less likely than 1 in 2		8. Solve problems with simple probability	
	9. Calculate simple probability on an ordinary die		9. Solve problems with simple probability	
	10. Calculate simple probability on an ordinary die		10. Solve problems with simple probability	
	11. Calculate simple probability with beads in a bag		11. Solve problems with simple probability	
	12. Calculate simple probability with playing cards			