

Objective: To use sample spaces to calculate probabilities



Met



Partially  
Met



Not Met

Work on the  
following sections:



Question  
1



Question  
2



Extension

Q1: List all the possible combinations for the meal deal of a drink and sandwich.

Drink		Sandwich	
Coke	Tuna		
Orange Juice	Ham Salad		
Water	Chicken and Bacon		
	<b>Tuna (T)</b>		
<b>Coke (C)</b>	CT		
<b>Orange (O)</b>			
<b>Water (W)</b>			

Q2: Poppy rolls a fair even dice and then throws a fair even coin.

- Draw a sample space diagram to show all possible outcomes
- What is the probability Poppy will roll a 5 and the coin will land on a head?
- What is the probability that the coin will land on a tail?

Extension: What are the strengths and weaknesses to displaying outcomes in a sample space diagram?