OBHS Core Questions:

Subject: Maths

Year and Term: Autumn 1 year 10

Topic: SP5

	Question	Answer
1.	What is a set?	A collection of objects with a common characteristic.
2.	What are the elements of the set {1, 2, 3, 4}?	1, 2, 3, 4
3.	Is {1, 2} a subset of {1, 2, 3}?	Yes
4.	If A = {1, 2, 3} and B = {2, 3, 4}, what is the union of A and B (A ∪ B)?	{1, 2, 3, 4}
5.	If A = {1, 2, 3} and B = {2, 3, 4}, what is the intersection of A and B (A ∩ B)?	{2, 3}
6.	What is the complement of the set {1, 2, 3} within the universal set {1, 2, 3, 4, 5}?	{4, 5}
7.	What is a Venn diagram used for?	To visualize the relationships between sets.