

OBHS Core Questions:

Subject: Maths

Year and Term: Autumn 1 year 10

Topic: SP5



Learn these questions to build a strong foundation of knowledge for this half-term. Ask family or friends to test you regularly, or practise on your own using the 'Look, Say, Cover, Write' method.

	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 ($A \cup B$)?	$\{1, 2, 3, 4\}$
5.	If $A = \{1, 2, 3\}$ and $B = \{2, 3, 4\}$, what is the intersection of A and B ($A \cap B$)?	$\{2, 3\}$
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.