

Sets – 1st years – Tuesday 02/03/2021

Question 1

Match the **Term** with the correct **Description**

TERM	DESCRIPTION
A set	A set whose elements CAN be counted
Elements	A group of things/objects that have something in common
A finite set	A set whose elements CANNOT be counted
An infinite set	A set with no elements
A null set	The objects or things in a set

Question 2

Is the set *infinite, finite or null*

- i) {3, 5, 7, ...} _____
- ii) {1, 2, 3, 4} _____
- iii) The days of the week beginning with 'c' _____
- iv) {10, 20, 30, ..., 200} _____
- v) Babies born on the planet Venus _____

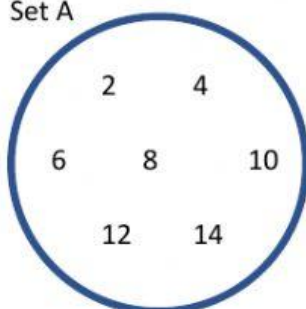
Question 3

Set A and Set B are both finite sets.

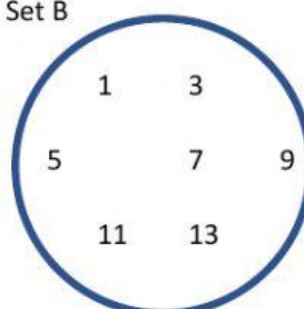
Set A is the set of even numbers greater than 1 and less than 15

Set B is the set of odd numbers greater than 0 and less than 14

Set A



Set B



Fill in numbers to make the statements true

- i) _____ $\in$ A
- ii) _____ $\notin$ A
- iii) _____ $\in$ B
- iv) _____ $\notin$ B