Mathematics

Name _____   **Date:**_____ **Grade:** _____

Sets

State, whether the given set is infinite (i), finite (f) or null(n).

(i)   {3, 5, 7, …} _____

(ii)   {1, 2, 3, 4}   _____

(iii)   {…, -3, -2, -1, 0, 1, 2} _____

(iv)   {20, 30, 40, 50, ………., 200}

(v)   Days of the week beginning with c _____

(vi)   Persons whose sir name is Wright _____

(vii)   Babies born in the planet Venus _____

(viii)   {socks, shoes, watches, shirts, …}   _____

(ix)   {index, middle, ring, pinky} _____

Match the correct word to the definition

1.	Set	1 The objects of a set
2.	Finite set	2 If a set has no elements
3.	Infinite Set	3 A set with identical members
4.	Equivalent set	4 A well-defined collection of distinct objects
5.	Subset	5 A set whose members can be counted.
6.	Null set	6 Sets that have an equal number of members
7.	Equal set	7 A set whose elements are all part of the elements of a bigger set.
8.	Disjoint Set	8 A set with members that cannot be counted.
9.	Elements	9 Sets that have no members in common