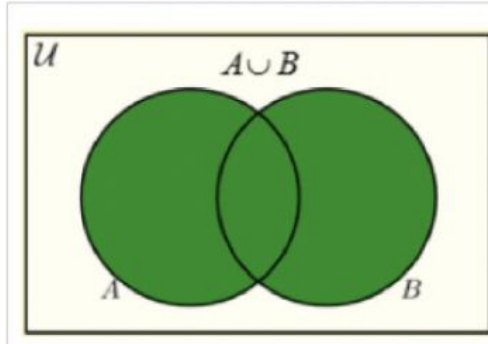Graded Activity on Sets

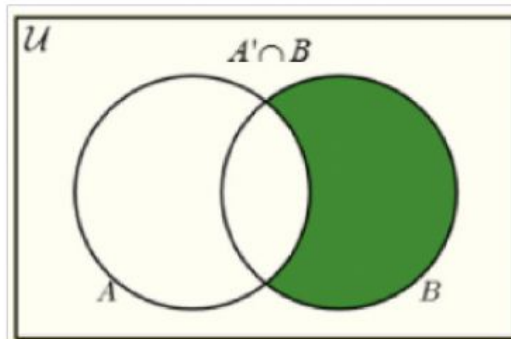**Section A**

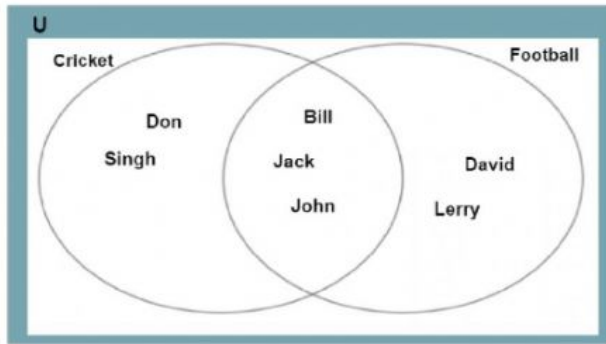Name: _____   Class: _____

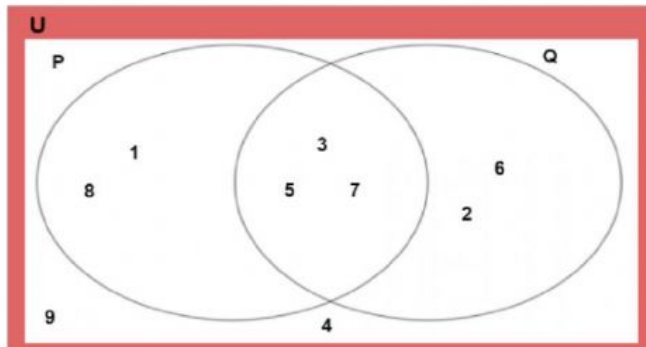**Instructions:** Read each question carefully, then select the most appropriate response.

1.   In the above Venn diagram, the shaded part represents the Set.

   a) A

   b) A ∩ B

   c) A ∪ B

   d) B

2.   In the above Venn diagram, the shaded part represents Set.

   e) A

   f) A ∩ B

   g) A ∪ B

   h) B

3. In the above Venn Diagram, the Set which show(s) the pupil(s) who do /does NOT like either game

    is:

    a) { Don, Singh}

    b) {Harry}

    c) {Bill, Jack, John}

    d) {Bill, Jack, John, David, Lerry}

4. In the above Venn Diagram, the number of members in P ∩ Q.

    a) 3

    b) 5

    c) 2

    d) 9

Section B

Instructions: Read each question carefully, then type the most appropriate response.

5. How many members are there in this set? {a, b, c, d, e, f} = _____

6. If Set P= { 2, 3, 4 …20} then the number of members in Set P which are odd numbers is

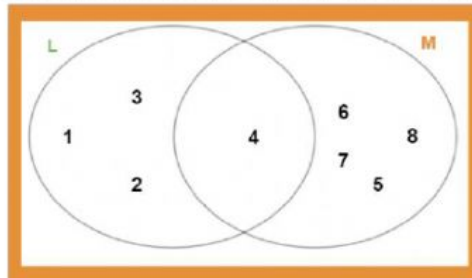7. Study the sets below, then write the intersection of each pair on the line provided.

   a) X= { 2, 4, 6, 8, 10}   b) M= { 1, 2, 3, 4, 5, 6, 7, 8, 9, 10}

      Y= { 5, 10, 15, 20}   N= {3, 6, 9, 12, 15}
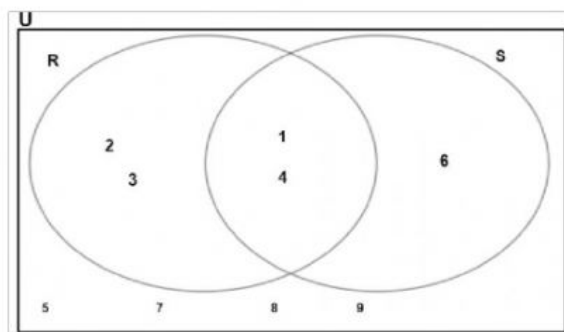

   _____   _____

Study the diagram below and answer the questions that follow.

8. Look at the Venn Diagram. What are the members of Set L? _____

9. What are the members of Set M?   _____

10. What is L **U** M? _____

11. In the Venn diagram above, the set of common members in both **R** and **S** is:

    _____

12. How many members are in R **∩** S? _____

13. List the members of the Universal Set: _____

                           END of TEST