

Sets worksheet

Write **finite** or **infinite** for the sets below for questions 1-4

1. The set of even numbers less than 100. _____
2. The set of fishes in odd numbers greater than 10. _____
3. The set of cars in Jamaica. _____
4. The set of leaves on all the Trees in Jamaica. _____

5. Write the intersection and union of the two sets below. List the elements in the braces provided **using comma to separate and o spaces.**

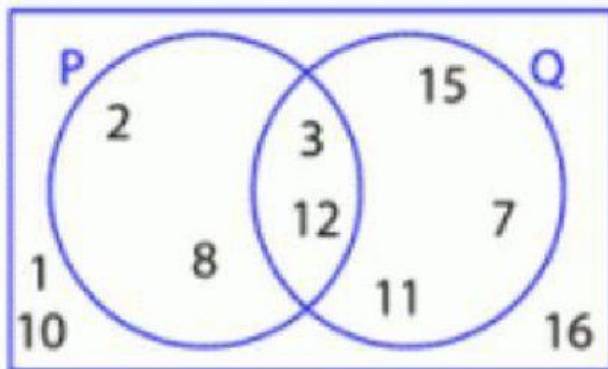
Set A - {2,4,6,8,10,12,14}

Set B - {4,8,12,16,20,24}

$A \cap B = \{ \quad \quad \quad \}$

$A \cup B = \{ \quad \quad \quad \}$

6. Use the venn diagram below to answer the questions that follow.



- a. What is $P \cap Q$? $\{ \quad \quad \}$
- b. What is $P \cup Q$? $\{ \quad \quad \}$
- c. Which element should not be included in $P \cup Q$? $\{ \quad \quad \}$

