Overlapping circles

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Questions

1) List all the subsets of the set T = { x, y, z}. How many are there?

2) Let A be all multiples of 4 and B be all multiples of 2.

a) Is A a subset of B?

b) Is B a subset of A?

Questions

3) Draw a Venn Diagram for the following:

P is the set of factors of 5

Q is the set of factors of 25

R is the set of factors of 125

Which sets are subsets of each other?

Questions

4) A is the set of prime numbers less than 10

B is the set of odd numbers less than 10

C is the set of even numbers less than 10.

How many subsets are there in this Venn diagram?

5) A is the set of factors of 3

B is the set of multiples of 6

C is the set of factors of 9.

How many subsets are there in this Venn Diagram? Draw a Venn diagram showing the relationship between sets A and C