Create a Venn Diagram using the given information.

1) All carrots are vegetables.
2) Some apples are green.
3) No apples are vegetables.
4) Some numbers are Real numbers.
   Some numbers are Imaginary numbers.
   No Real numbers are Imaginary numbers.

This Venn diagram illustrates the number of pizzas sold yesterday at Polo Verde Pizzeria categorized by toppings. Use this information to answer questions 5 – 9.

5) How many pizzas had pepperoni?
6) How many pizzas had sausage and olives?
7) How many pizzas were sold altogether?
8) How many pizzas had sausage?
9) How many pizzas had all three toppings?
This Venn diagram illustrates the number of Valley Vista athletes that play soccer, football, and/or baseball. Determine the number that would describe each compound statement.

10) How many athletes played soccer only?

11) How many played soccer and baseball?

12) How many played baseball and football?

13) How many played football or baseball?

14) How many played football, soccer and baseball?

15) How many played football or soccer or baseball?

Write a statement using all, some, and none to explain each Venn diagram.

16) Joggers

17) Dogs

Cats

Swimmers