Use Venn Diagrams to solve the following problems:

Strategy: 1. Label information on the edge of the circle and U.
2. Label the intersection
3. Label other sections by subtraction

1. In Ted's PE class of 20 students, 12 liked golf, 10 liked tennis and 8 liked both golf and tennis. How many students didn't like golf or tennis?

2. There are 55 students going to the amusement park. 30 students love riding the roller coaster, 40 students like riding the ferris wheel and 20 liked both of those rides. How many students only liked riding the roller coaster? How many students didn't like riding either?

3. In 75 families surveyed, 20 families only had cars, 30 families only had trucks and 10 families owned cars and trucks. How many families owned trucks? How many families did not own a car or truck?

4.   In a survey of 100 randomly selected individuals, 65 liked Coca Cola, 40 liked Pepsi Cola and 30 liked both. How many liked just Pepsi? How many didn't like either?