

Santa Ana Math Club

February 26, 2011

Name:

School:

Grade:

Venn Diagrams

1. There are two types of people in this world: those who like Venn diagrams and those who don't. Sixty people are in a room and thirty-five of them hate Venn diagrams. How many people like Venn diagrams?
2. There are eighty students in the ninth grade, and all of them take at least one of these two electives. 50 students take "CHEMISTRY AT WORK: Criminal Science" and 35 take "ENGLISH: Fiction, Non-fiction, and Beyond". How many students take both?
3. Seventy teachers ate pizza at the lunch festival. Fifty ate salad. There were only one-hundred teachers at the meeting, so how many teachers had both pizza and salad?
4. Math (obviously) is the most popular subject at school. In popularity, it is followed by science (debatably better than math) and then English and (lastly) history. There are 100 students in the tenth grade. 50 students are in the "science and math" club. The "social science club" (English + history) has 34 students. There are 6 students in both clubs. How many students in the grade are in neither club?

