

De La Salle Santiago Zobel School
First Term A.Y. 2013 - 2014
Mathematics Grade 6 Module 1
Homework #5

Ps= ___/11

Name: _____ Section: _____

Teacher: _____ Date: _____

I. Construct a Venn diagram to show the following information then, answer the questions that follow.

Favorite Ice Cream Flavors	
Flavor	Number of Pupils
strawberry	15
chocolate	13
chocolate and strawberry	8

1 – 2. Venn diagram

3. How many pupils like strawberry flavor only? _____

4. How many pupils like chocolate flavor only? _____

5. How many pupils participated in the survey? _____

II. Solve each of the following using a Venn diagram.

- A. Miss Santos asked her 36 students of the top two activities they do to keep up with current events. Eighteen said they watch television and read newspaper, 28 said they watch television and 23 said they read newspaper.

6 – 7. Venn diagram

8. How many pupils prefer other activities than watching television and reading newspaper? _____

B. A class of 40 students took an exam in Math and Science. Thirty passed Math, 36 passed Science and 2 failed in both subjects.

9 – 10. Venn diagram

11. How many students passed the two subjects? _____