

Using Venn Diagrams Problems - Matching Worksheet

Match the word problems to their answers.

- _____ 1. An office manager polled 130 of his workers to see which coffee flavor they liked best. 55 favor vanilla flavor, 100 favor hazelnut flavor, 40 favor neither. How many favor neither flavor? a. 42
- _____ 2. 180 people were asked if they watched the recent Stanley Cup Hockey playoffs. 38 watched game 1. 56 viewed game 2, and 64 watched game 3. 20 people watched game 2 and 3. How many of the people polled did not watch any of the games? b. 7
- _____ 3. In a class of 79 students. 13 like only fruit, 22 likes chocolate, 18 like nuts. 10 likes fruit and nuts both, 3 likes fruit and nuts both, 6 likes nuts and chocolate both. Find the number of students like all fruit, nuts and chocolate. c. 80
- _____ 4. Seventy-five students say that they routinely read books. Fifty-two students like to read non-fiction books. Twenty-eight students like to read mystery books. How many students read both non-fiction and mystery books? d. 3
- _____ 5. Eighteen students dance for Justine's dance troop. Twelve students are in hip hop classes. Five students are in both the troop and hip hop classes. What is the total number of students who participate in these activities? e. 15
- _____ 6. There are 18 people in the caption club., 11 people have parrots and 7 people have a basketball hoop. Four people have both. How many club members could possibly play basketball at home with their parrots on their shoulders? f. 25

