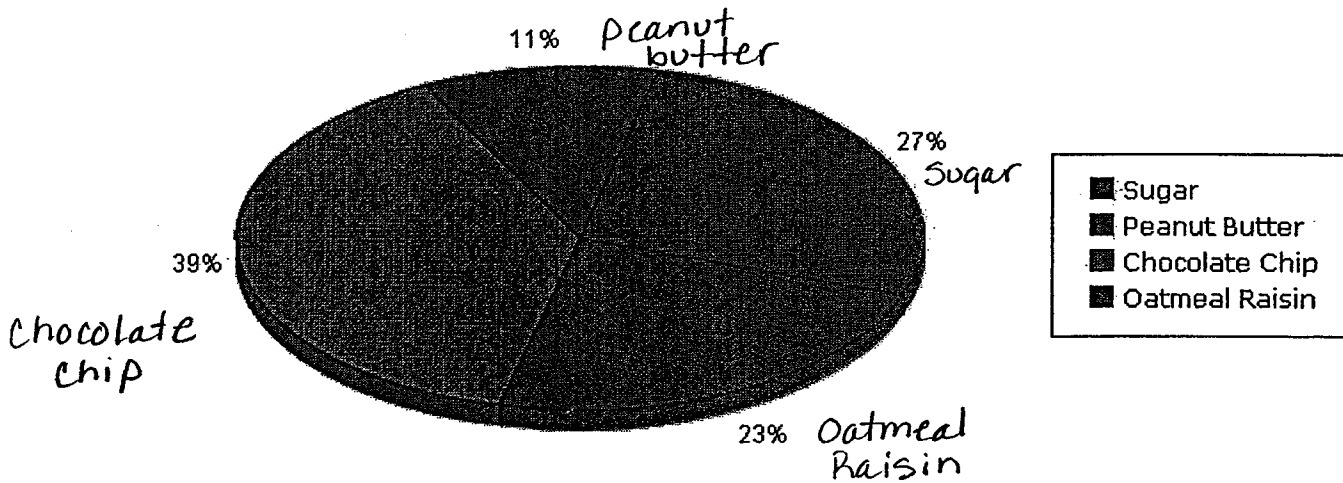


# 9.5b Circle Graphs

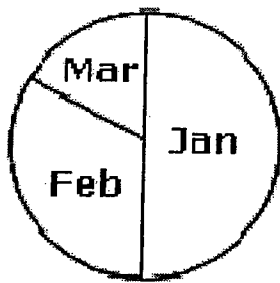
Mrs. Hoover wanted to know which cookies kindergartners in Spring School District like best. One hundred students were asked their favorite kind of cookie. The results are displayed in the graph below.

**Favorite Cookies**

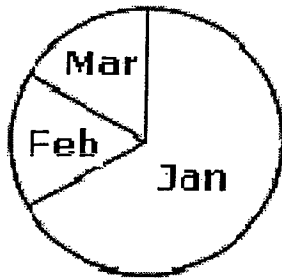


1. Mrs. Hoover wants to interview students who prefer sugar cookies and students who prefer chocolate chip cookies. What percentage of students will she be interviewing?
2. What percentage of student do not prefer peanut butter or oatmeal raisin cookies?
3. How many students did not prefer sugar cookies?
4. How many students preferred chocolate chip and peanut butter cookies?
5. Mrs. Hoover wants to bring in the preferred cookie of each kindergartner. How many of each kind of cookie will she need to bring?

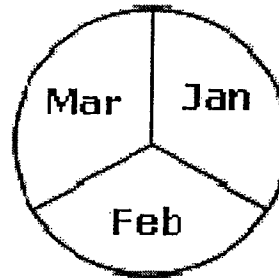
Name: \_\_\_\_\_ Period: \_\_\_\_\_



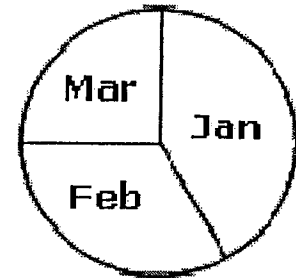
W



X



Y



Z

1. Twenty-four students in a class have birthdays in January, February, or March. Ten have birthdays in January. Eight have birthdays in February. Six have birthdays in March. Which of the four circle graphs correctly represents this distribution of students?
2. Students at Southwest Junior High School were asked which winter month was their favorite. Over half of the students chose January. Which of the four circle graphs correctly represents the distribution of students?
3. Create your own fictional survey results to represent circle graph letter "Y".
4. In January half of the students were absent from school at least one day due to illness. Which of the four circle graphs correctly represents this distribution of students?