



According to the latest 5th grade survey, students spent on gifts this past holiday as follows:

22 students spent more than last year

30 students spent less than last year

28 students spent same as last year

14 students did not purchase any gifts.

Note: 1⁻² students from 5th grade were not surveyed at all.

1. Let N represent the number of students who took part on the survey, what is the value for N?
2. What percent of students did not purchase any gifts according to the survey?
3. How much money was not collected by various stores if every student on the survey was expected to spend a total of \$24.35 on gifts?
4. How many students were not surveyed at all?
5. How many students are attending 5th grade altogether?
6. Use a circle graph to represent the quick vote survey.
7. Use a short response to explain how you solved question # 5

Think
Solve
Explain

