Amplifying Instructional Task – Grade 2 Example

Original Task:
Solve one-step and multi-step word problems involving addition and subtraction within 1,000 using a variety of strategies based on place value, including algorithms. 2(4)(C)
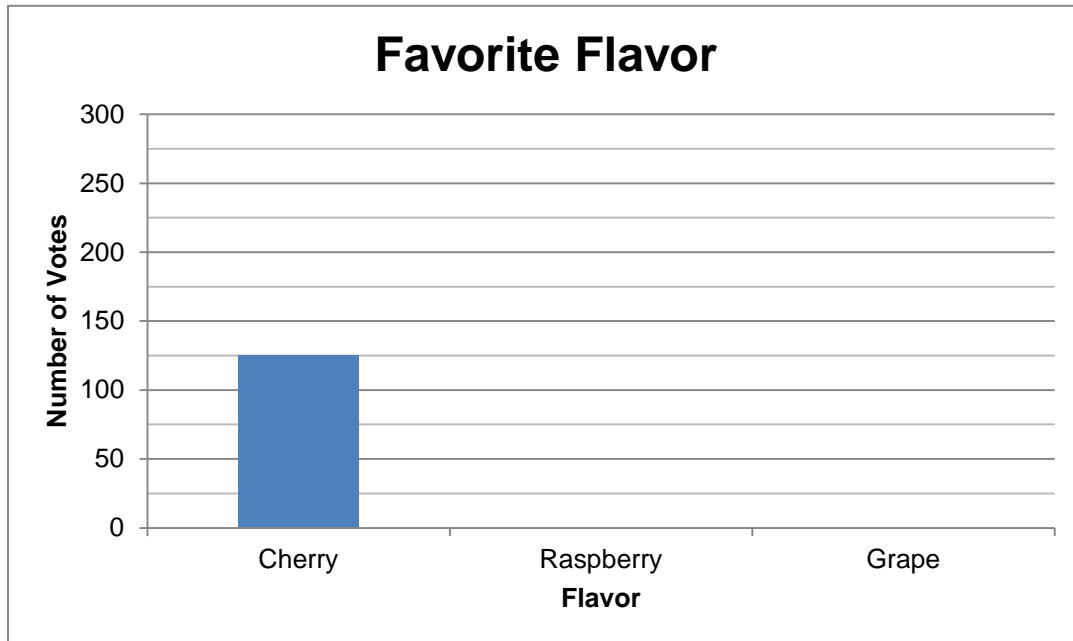
A candy company asked students to vote for their favorite flavor of snow cone. Of the students polled, 275 voted for raspberry. The number of students who voted for cherry was 120 more than the number of students who voted for raspberry. How many students voted for cherry?

Amplified Tasks:

Task A (Amplified Task):
A candy company asked 450 students to vote for their favorite flavor of snow cone.
- 125 students voted for cherry.
- 150 more students voted for raspberry than voted for cherry.
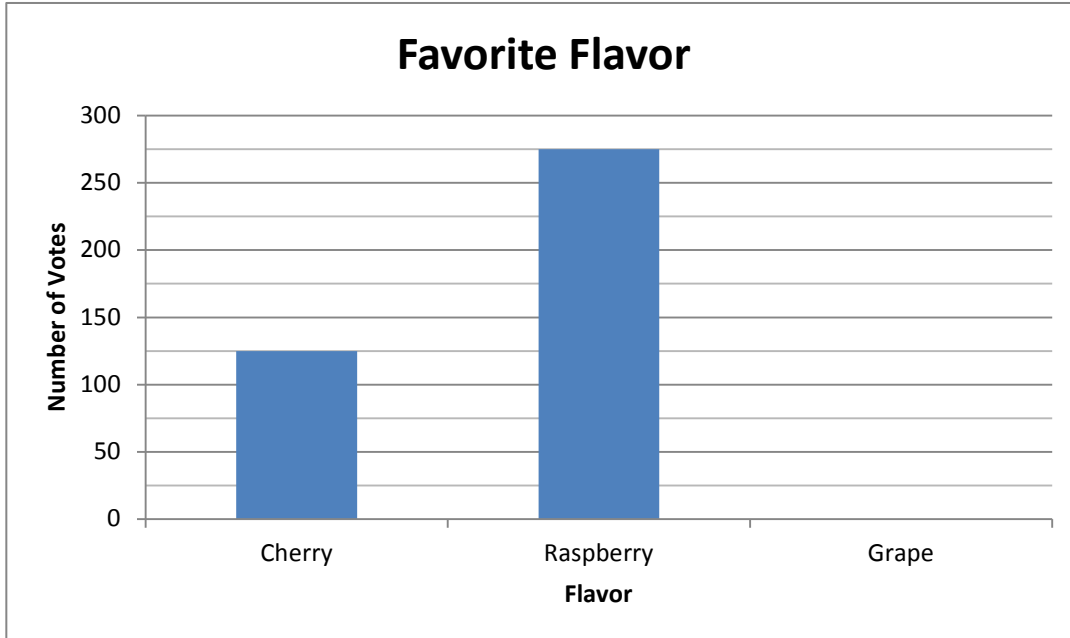- The rest of the students voted for grape.

- Complete the bar graph to show the number of students who voted for raspberry and grape.

- Write three true statements about the data on the bar graph.

- Write three questions that you could answer using the data from the bar graph.

- Trade papers with a partner and ask him or her to find the answers to your questions about the graph.

Amplifying Instructional Task – Grade 2 Example

<u>Task B (Scaffolded Task):</u>

A candy company asked 450 students to vote for their favorite flavor of snow cone.

- 125 students voted for cherry.
- 150 more students voted for raspberry than voted for cherry.
- The rest of the students voted for grape.

Favorite Flavor

- Complete the bar graph to show the number of students who voted for grape.

- Use the phrase bank to help you complete the following:
  - Write three true statements about the data on the bar graph.
  - Write three questions that you could answer using the data from the bar graph.

- Trade papers with a partner and ask him or her to find the answers to your questions about the graph.

Phrase Bank

how many more

how many fewer

how many total
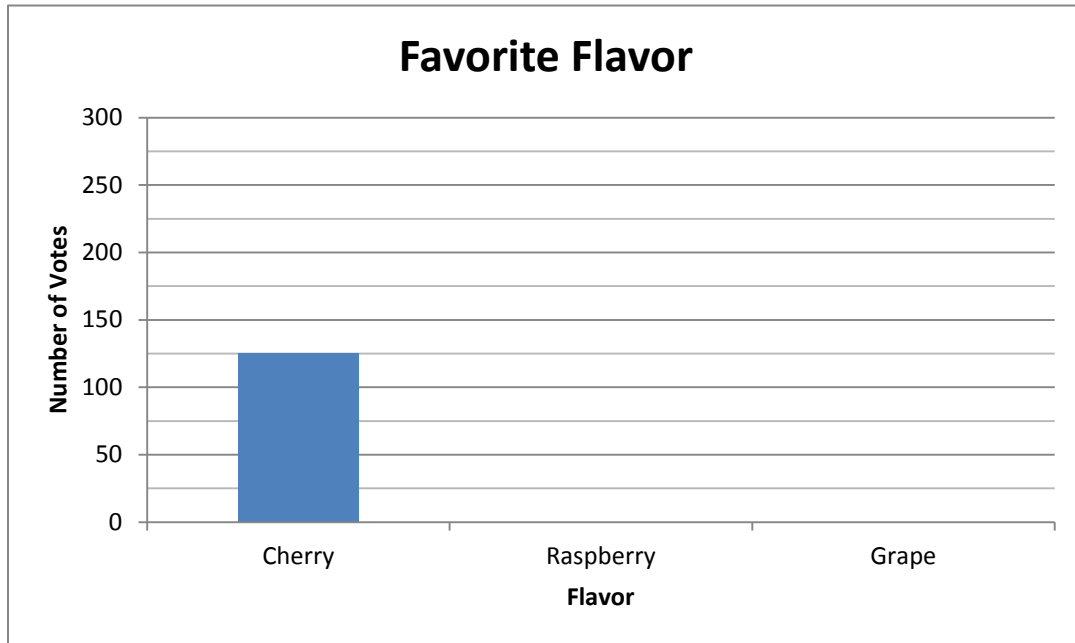
which flavor

at least

combined

Amplifying Instructional Task – Grade 2 Example

Task C (Scaffolded Task):
A candy company asked 450 students to vote for their favorite flavor of snow cone.
- 125 students voted for cherry.
- 150 more students voted for raspberry than voted for cherry.
- The rest of the students voted for grape.

Favorite Flavor

(Bar graph: Number of Votes vs. Flavor. Cherry bar shown at 125. Raspberry and Grape bars blank. Vertical axis from 0 to 300 in increments of 50.)

- Complete the bar graph to show the number of students who voted for raspberry and grape.

- Complete the following to create three true statements about the data on the bar graph:

  I know that more students voted for _____ than _____.
  I know that fewer students chose _____ than _____.
  I know that at least_____ students chose _____.

- Complete the following to create three questions that could be answered using the data from the bar graph:

  How many more students chose _____ than _____?
  How many total students chose _____ and _____?
  Which two flavors had at least _____ votes?

- Trade papers with a partner and ask him or her to find the answers to your questions about the graph.

Amplifying Instructional Task – Grade 2 Example

Task D (Enriched Task):
You are going to make up a set of data about the students voting for their favorite flavor of snow cone. You must use the given facts to create your data.

- o   Your set of data should include four answer choices and the number of votes for each.
- o   The total number of votes should be 350.
- o   Two of the choices should total 225 votes.
- o   Two of the choices should have a difference of 75 votes.

- Use the table below to organize your thinking.

Flavors	Votes

- Complete the bar graph below to show the number of people who voted for each choice.

- Write three true statements about the data on the bar graph.

- Write three questions that you could answer using the data from the bar graph.

- Trade papers with a partner and ask him or her to find the answers to your questions about the graph.

Favorite Flavor

Number of Votes

300
250
200
150
100
50
0

_____   _____   _____   _____

Flavor