2–1 Problem-Solving Investigation: Make a Table

MAIN IDEA

- Solve problems by making a table.

EXAMPLE

EYE COLOR **Make a frequency table of the data. How many more students have brown eyes than green eyes?**

blue	**gray**	**brown**	**green**	**brown**
brown	**gray**	**blue**	**gray**	

UNDERSTAND You need to find the number of students who have brown eyes and the number of students who have green eyes. Then find the difference.

PLAN Make a frequency table of the data.

SOLVE Draw a table with three columns as shown. In the first column, list each eye color. Then complete the table by indicating the *frequency* or number of times each color occurs.

Eye Color		
Color	**Tally**	**Frequency**
blue	||	2
gray	|||	3
brown	|||	3
green	|	1

_____ students have brown eyes and _____ has green eyes. So, 3 − 1 or _____ more students have brown eyes than green eyes.

CHECK Go back to the data. There should be 3 students who have brown eyes and 1 student who has green eyes. So, an answer of _____ students is correct.

Check Your Progress

MARKETING Make a frequency table of the data. How many more people responded yes than no?

Opinion				
Y	Y	N	Y	Y
N	N	Y	Y	N
Y	N	N	Y	Y
N	N	Y	Y	Y

HOMEWORK ASSIGNMENT

Page(s):

Exercises: