






Making Pictographs

NCTM Standards 5, 6, 7, 8, 9, 10

The pictograph shows data from a survey taken at the library.

FAVORITE TYPE OF BOOK	
Nonfiction	
Science fiction	
Historical fiction	
Fantasy	

Key: Each  = 10 people.

- 1 Of the people who answered the survey, how many chose fantasy as their favorite type of book? _____
- 2 How many chose historical fiction as their favorite? _____
- 3 How many more people chose fantasy as their favorite than chose science fiction? _____



- 4 How might the librarian use the results of the survey when choosing new books to order? _____



- 5 Can you say anything about the number of books checked out of the library this year? Explain. _____

- 6 Use the information below to complete the pictograph.

200 people completed the survey.


SUVs are driven by the most people.

Station wagons are the least popular.

30 more people drive SUVs than drive pick-up trucks.

50 people drive pick-up trucks.

40 fewer people drive station wagons than drive pick-up trucks.



WHAT DO YOU DRIVE?	
Compact car	
SUV	
Pick-up truck	
Station wagon	

Key: Each C = 10 cars.



- 7 **Challenge** What are three questions you can answer from the pictograph?
