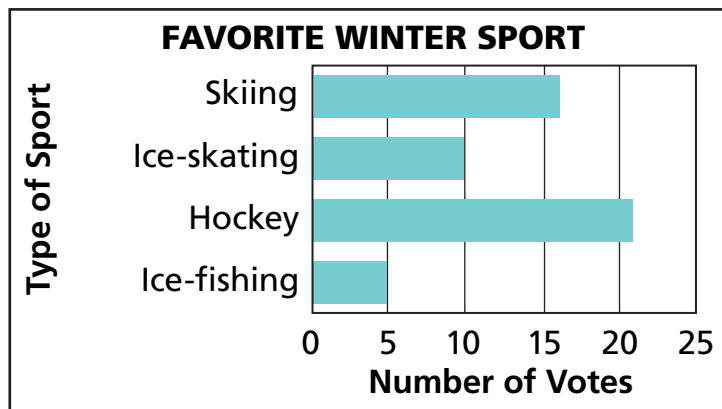


# Reading Graphs and Tables

NCTM Standards 5, 6, 8, 9, 10

For each graph, answer as many questions as you can. If the graph does not provide a way to figure out the answer, write "cannot tell."

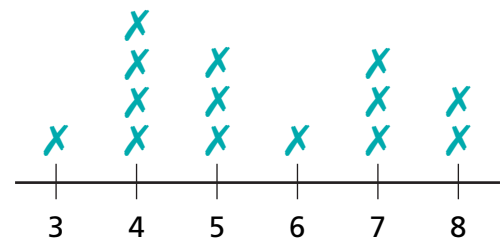
Some fifth graders in Canada were surveyed about their favorite winter sport.



- How many students were surveyed? \_\_\_\_\_
- What choice is the mode? \_\_\_\_\_
- The Sports Federation wanted to know how much more popular the most popular sport is than the least popular sport. What is the range of the number of votes? \_\_\_\_\_

Some fifth graders compared the number of letters in their first names.

**NUMBER OF LETTERS  
IN FIRST NAMES**

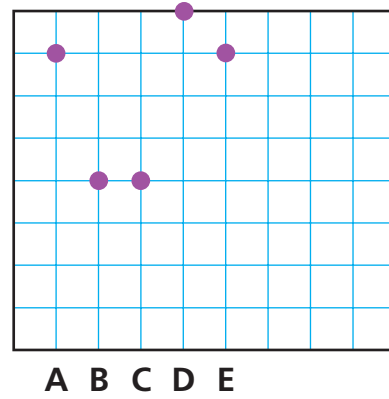


- How many names are names of girls? \_\_\_\_\_
- What is the median number of letters? \_\_\_\_\_
- How many students' names were used? \_\_\_\_\_
- The mean number of letters is between \_\_\_\_\_ letters and \_\_\_\_\_ letters.
- What number of letters is the mode? \_\_\_\_\_

Match each table to its corresponding graph.

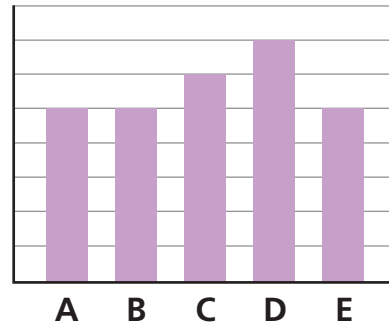
9

|   |    |
|---|----|
| A | 12 |
| B | 8  |
| C | 7  |
| D | 10 |
| E | 5  |



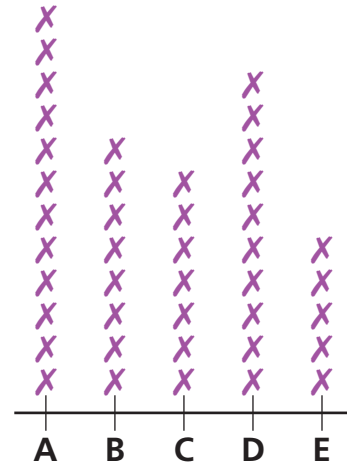
10

| A | B | C | D | E |
|---|---|---|---|---|
| 5 | 5 | 6 | 7 | 5 |



11

|   |   |   |
|---|---|---|
| A | 1 | 7 |
| B | 2 | 4 |
| C | 3 | 4 |
| D | 4 | 8 |
| E | 5 | 7 |



**12 Challenge** A city is adding lanes to their main highway. They found that there is a mean of 1,075 cars per day on that highway, the median car passes through town at 3 P.M., and that the mode travel time is 5 P.M. Which piece of information will be most useful for deciding when to do construction?

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