

### Describing Statistics

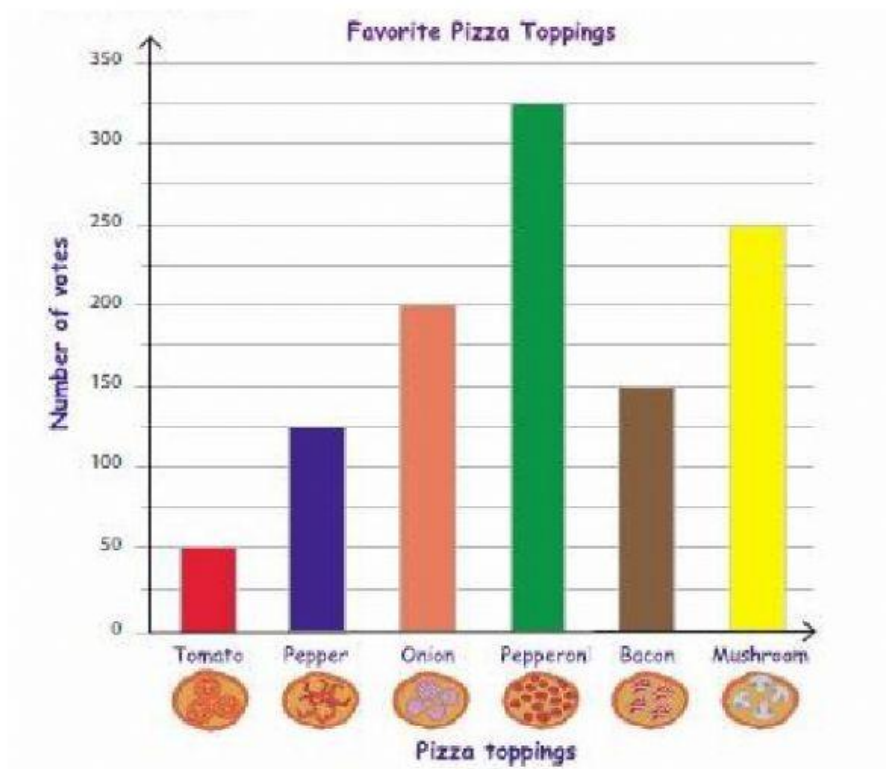
Below each graph is a description. Fill in the gaps with the correct words from the box.

Table 3.9  
Marks of Students

| Marks   | Number of Students |         | Total |
|---------|--------------------|---------|-------|
|         | Males              | Females |       |
| 30 – 40 | 8                  | 6       | 14    |
| 40 – 50 | 16                 | 10      | 26    |
| 50 – 60 | 14                 | 16      | 30    |
| 60 – 70 | 12                 | 8       | 20    |
| 70 – 80 | 6                  | 4       | 10    |
| Total   | 56                 | 44      | 100   |

This table shows the marks 100 students achieved out of 80. It divides the students into males and females so we can \_\_\_\_\_ their marks. The most \_\_\_\_\_ mark overall was in the range of 50-60 and the least \_\_\_\_\_ mark was in the highest range from 70-80. Most \_\_\_\_\_ scored in the range from 40-50, whereas most \_\_\_\_\_ scored in the range of \_\_\_\_\_. However, more boys than girls scored the \_\_\_\_\_ marks. In my opinion it is \_\_\_\_\_ whether the male or female students were more successful and it would be \_\_\_\_\_ to compare if there were an \_\_\_\_\_ number of male and female students.

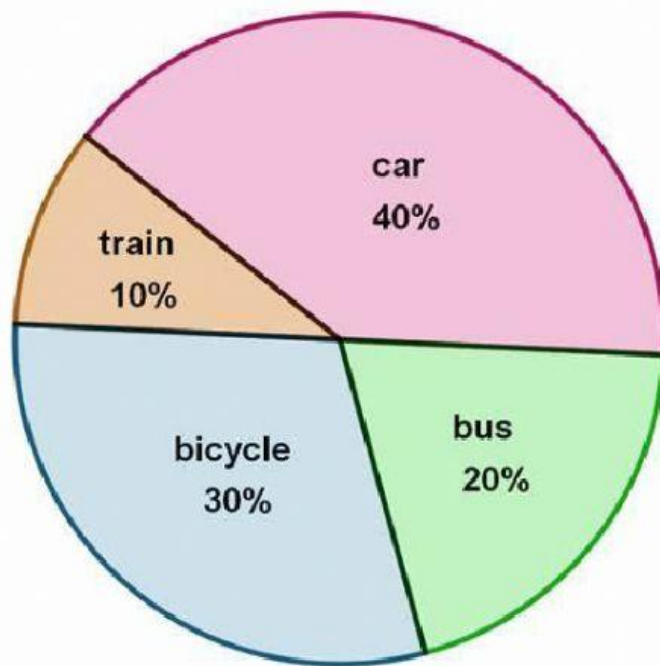
|         |        |              |       |        |
|---------|--------|--------------|-------|--------|
| compare | boys   | hard to tell | equal | easier |
| higher  | common | frequent     | 50-60 | girls  |



This bar graph shows how \_\_\_\_\_ different pizza toppings are. The favourite topping with \_\_\_\_\_ votes is pepperoni and the \_\_\_\_\_ favourite topping is tomato with just 50 votes. We can see that mushroom is \_\_\_\_\_ popular than pepper. The chart also shows that onion has \_\_\_\_\_ more votes than bacon. I am not surprised that pepperoni is the favourite topping but I can't believe that mushroom is the \_\_\_\_\_ popular.

|                |         |       |             |     |
|----------------|---------|-------|-------------|-----|
| 50             | popular | least | second most | 325 |
| two times more |         |       |             |     |

## How 100 students travel to school



This pie chart shows how 100 students travel to school, either by train, car, bus or bicycle. Most students travel to school by car, a \_\_\_\_\_ 40%. \_\_\_\_\_ travel to school by bus, only 20%. Nearly a \_\_\_\_\_ travel to school by bicycle. The least \_\_\_\_\_ mode of transport is the train, with only 10%. I'm surprised that the \_\_\_\_\_ popular mode of transport is the bicycle, but this is good as it's \_\_\_\_\_ option for the environment.

|             |           |       |         |          |
|-------------|-----------|-------|---------|----------|
| third       | Far fewer | large | popular | the best |
| second most |           |       |         |          |