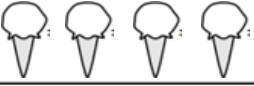




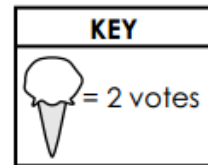


Name _____ Date _____

Mrs. Summer and Mr. Fall are planning a party for their classes. The students were asked to vote for their favorite ice cream flavor. Both teachers organized the information in the pictograph below.

Flavor	Number of Votes
Chocolate	
Vanilla	
Chocolate Chip	
Cookie Dough	
Strawberry	



- How many students voted for vanilla? _____
- How many more students voted for chocolate chip than cookie dough? Use a number sentence to show your thinking.
- What flavor did the students like the least? _____
- How many votes were there in all? _____

A toy company asked its customers which cartoon character was their favorite. The chart below shows the results of the survey.

Favorite Cartoon Character	
Cartoon Character	Number of Votes
Dora	12
Duffy Duck	6
Sponge Bob	21
Mickey Mouse	18

5. Draw tape diagram with a unit size of 3 to represent the favorite cartoon character of the toy company's survey.

Dora

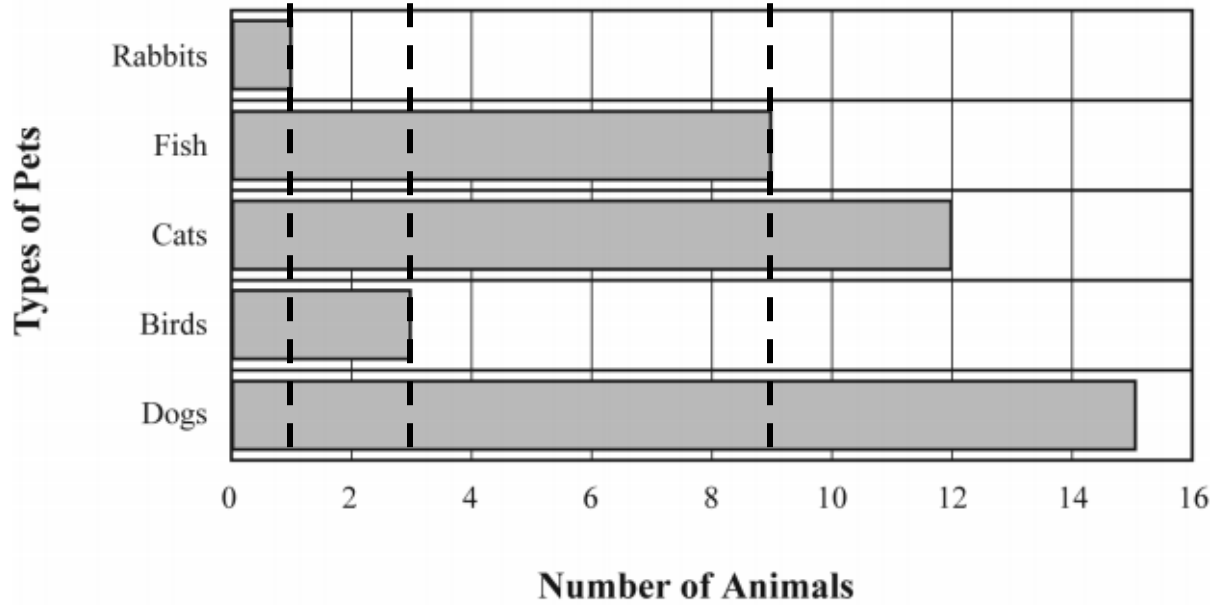
Duffy Duck

Sponge Bob

Mickey Mouse

6. Use your tape diagrams to draw vertical tape diagrams that represent the data.

Our Pets



7. Use the graph's lines as a ruler to draw intervals on the number line shown below. Then plot and label a point for each pet on the number line.



8. Write a number sentence to show the total number of fish, cats, and birds.