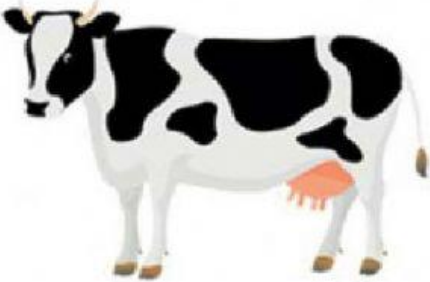
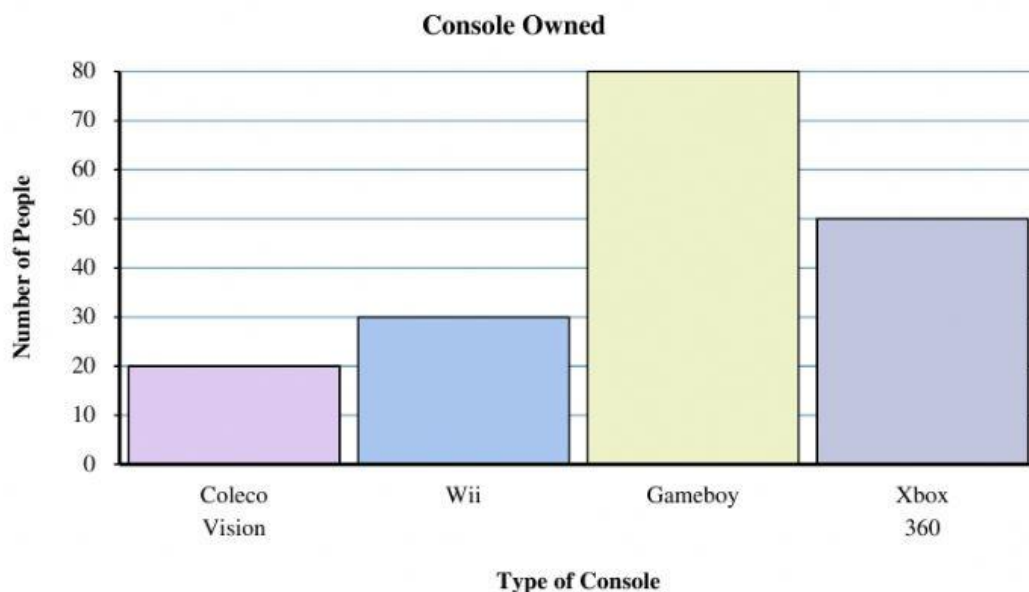


Scenario		Independent Variable	Dependent Variable
1. A cow is given a growth hormone and then compared to another cow that was not given a growth hormone. Both cows were weighed at 2 years.			
2. Mosquito repellent is sprayed on one arm and the other arm is not sprayed. The number of mosquito bites is counted after 2 hours.			
3. One grape is placed in tap water and another grape is placed in salt water. The change in their mass is measured after a day.			



A game company asked people at the mall which game console they owned. They recorded the results in the bar graph below. Use their graph to answer the questions.

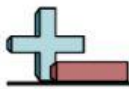


- 1) What is the combined number of Xbox 360s and Gameboys owned?
- 2) Which console did exactly 30 people own?
- 3) How many more people owned a Gameboy than owned a Coleco Vision?
- 4) What is the difference in the number of people who owned a Xbox 360 and the number who owned a Wii?
- 5) Which console did the fewest number of people own?
- 6) How many fewer people owned a Coleco Vision than owned a Wii?
- 7) How many people owned a Xbox 360?
- 8) How many consoles total did the people own?
- 9) Did fewer people own a Xbox 360 or a Coleco Vision?
- 10) Did more people own a Gameboys or a Wiis?

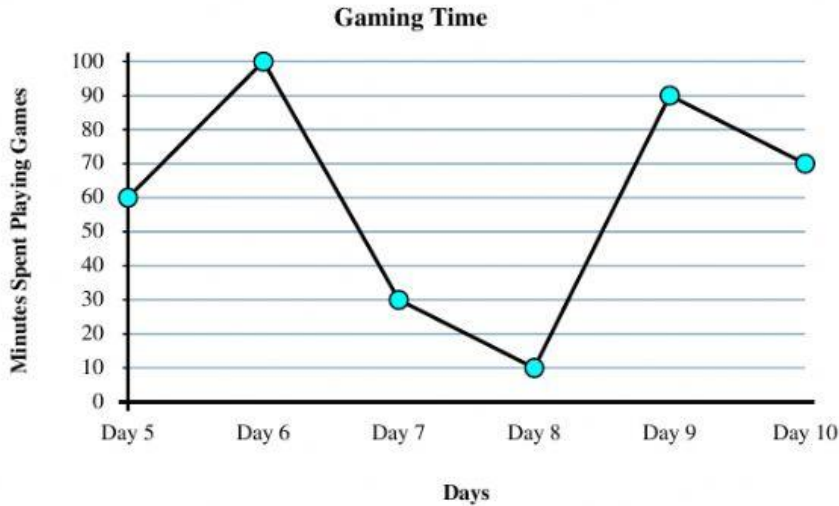
Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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The graph below shows the minutes Tommy spent playing video games. Use the graph to answer the questions.

Answers

- 1) On Day 8 he wanted to play at least 70 minutes. Did he get to or not?
- 2) From Day 6 to Day 7 did the amount of time he spent playing games increase or decrease?
- 3) Did he spend more time playing on Day 5 or Day 7?
- 4) What is the total time he spent playing?
- 5) How many minutes did he play on Day 9?
- 6) Which day did he spend the least time playing games?
- 7) What is the difference in the amount of time spent playing on Day 6 and the amount spent playing on Day 8?
- 8) Did he spend less time playing on Day 7 or Day 9?
- 9) How many minutes did he play on Day 9?
- 10) Which day did he spend the most time playing games?

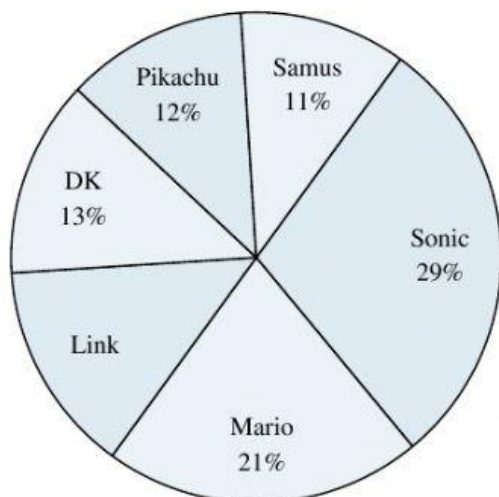
1. _____
2. _____
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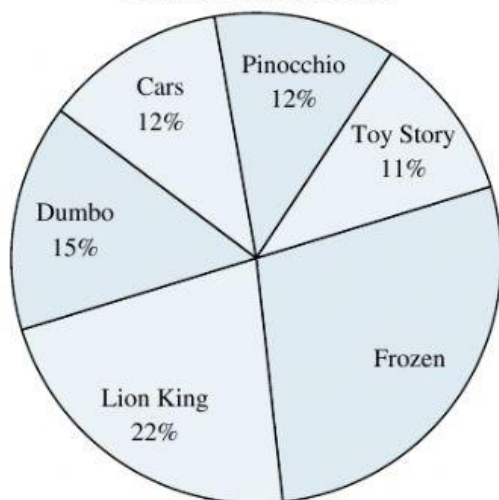
Use the graph to solve.

Favorite Game Character

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- 1) What percent of people said either DK or Mario was their favorite?
- 2) Which character was the most popular?
- 3) What percent of people said Link was their favorite?
- 4) Which two characters did about half the people say was their favorite?
- 5) Which character was the least popular?

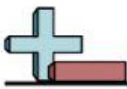
Favorite Disney Movie



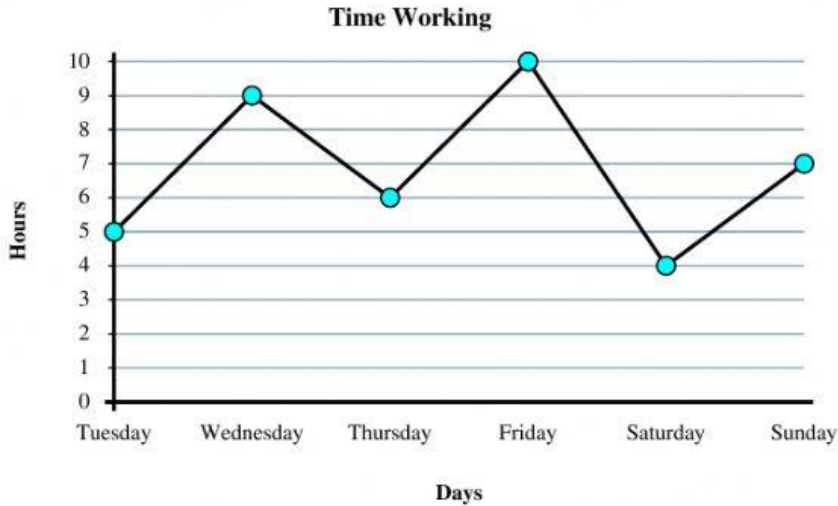
- 6) Which movie was the most popular?
- 7) Which two movies did about half the people say was their favorite?
- 8) Which movie was the least popular?
- 9) What percent of people said Frozen was their favorite?
- 10) What percent of people said either Cars or Toy Story was their favorite?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



The graph below shows the hours Sarah worked each day of the week. Use the graph to answer the questions.

**Answers**

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

- 1) From Friday to Saturday did the number of hours she worked increase or decrease?
- 2) What is the total number of hours she worked?
- 3) Did she work fewer hours on Friday or on Sunday?
- 4) On Tuesday Sarah wanted to work at least 8 hours. Did she reach her goal?
- 5) How many hours did she work on Friday?
- 6) What is the difference in the number of hours she worked on Wednesday and the number she worked on Thursday?
- 7) Did she work more hours on Wednesday or on Saturday?
- 8) Which day did she work the least?
- 9) How many hours did she work on Friday?
- 10) Which day did she work the most?

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