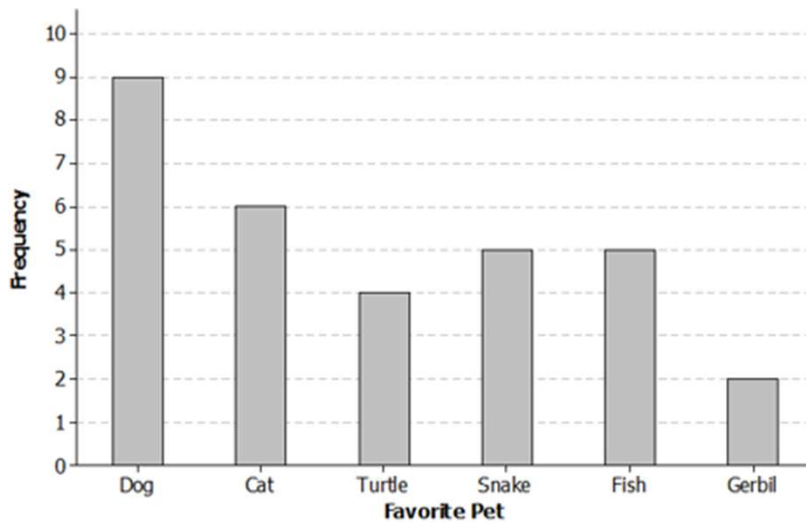


Probability Worksheet

A seventh-grade student surveyed students at her school. She asked them to name their favorite pets. Below is a bar graph showing the results of the survey.



Use the results from the survey to answer the following questions.

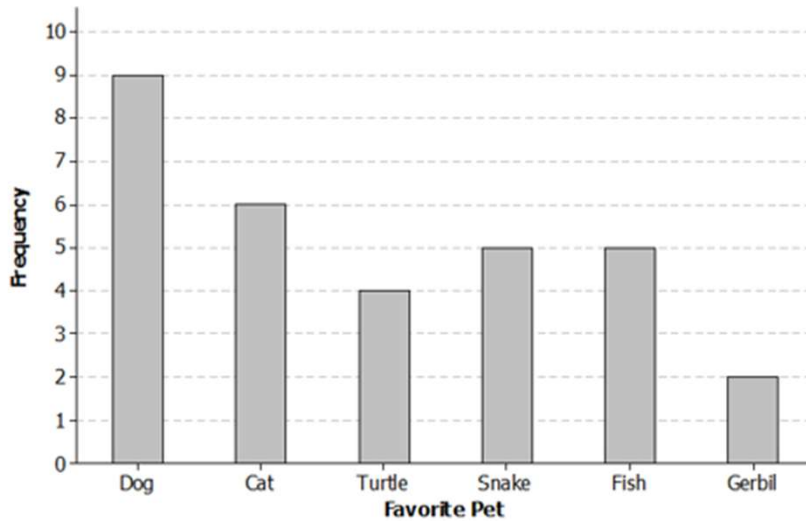
- How many students answered the survey question?
- How many students said that a snake was their favorite pet?

Now, suppose a student is randomly selected and asked what his favorite pet is.

- What is your estimate for the probability of that student saying that a dog is his favorite pet?
- What is your estimate for the probability of that student saying that a gerbil is his favorite pet?
- What is your estimate for the probability of that student saying that a frog is his favorite pet?

Probability Worksheet

A seventh-grade student surveyed students at her school. She asked them to name their favorite pets. Below is a bar graph showing the results of the survey.



Use the results from the survey to answer the following questions.

a) How many students answered the survey question?

31

b) How many students said that a snake was their favorite pet?

5

Now, suppose a student is randomly selected and asked what his favorite pet is.

c) What is your estimate for the probability of that student saying that a dog is his favorite pet?

(Allow any form.) $\frac{9}{31}$, or approximately 0.29 or approximately 29%

d) What is your estimate for the probability of that student saying that a gerbil is his favorite pet?

(Allow any form.) $\frac{2}{31}$, or approximately 0.06 or approximately 6%

e) What is your estimate for the probability of that student saying that a frog is his favorite pet?

$\frac{0}{31}$, or 0 or 0%

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