

For Exercises 16–19 use the following information:

In a recent survey, 150 dog owners and 200 cat owners were asked what type of food their pets liked. Here are the results of the survey.

Pet Food Preferences

Preference	Out of 150 Dog Owners	Out of 200 Cat Owners
Human Food Only	75	36
Pet Food Only	45	116
Human and Pet Food	30	48

16. Find the food category that the greatest number of dog owners say is favored by their pets. Write the number in this category as a fraction, as a decimal, and as a percent of the total dog owners surveyed.
17. Find the food category that the greatest number of cat owners say is favored by their pets. Write the number in this category as a fraction, as a decimal, and as a percent of the total cat owners surveyed.
18. Suppose only 100 dog owners were surveyed, with similar results. Estimate how many would have answered in each of the three categories.
19. Suppose 50 cat owners were surveyed, with similar results. Estimate how many would have answered in each of the three categories.
20. Elisa's math test score, with extra credit included, was $\frac{26}{25}$. What percent is this?
21. Suppose 12% of students surveyed said they have tried rock climbing. Estimate how many would say they have tried rock climbing if
 - a. 100 students were surveyed
 - b. 200 students were surveyed
 - c. 150 students were surveyed

