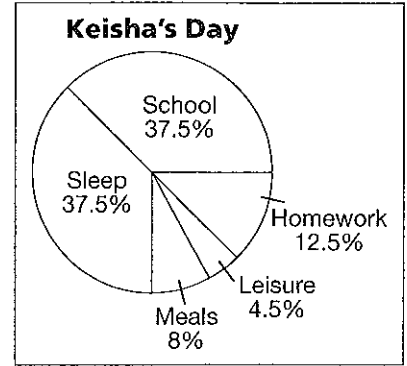


# 1-9 Skills Practice

## Statistics: Analyzing Data by Using Tables and Graphs

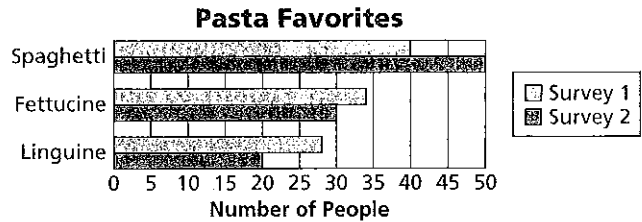
**DAILY LIFE** For Exercises 1–3, use the circle graph that shows the percent of time Keisha spends on activities in a 24-hour day.



1. What percent of her day does Keisha spend in the combined activities of school and doing homework?
2. How many hours per day does Keisha spend at school?
3. How many hours does Keisha spend on leisure and meals?

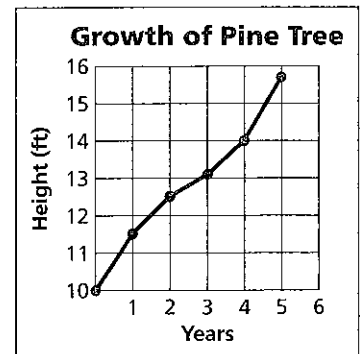
**PASTA FAVORITES** For Exercises 4–8, use the table and bar graph that show the results of two surveys asking people their favorite type of pasta.

	Spaghetti	Fettuccine	Linguine
Survey 1	40	34	28
Survey 2	50	30	20



4. According to the graph, what is the ranking for favorite pasta in both surveys?
5. In Survey 1, the number of votes for spaghetti is twice the number of votes for which pasta in Survey 2?
6. How many more people preferred spaghetti in Survey 2 than preferred spaghetti in Survey 1?
7. How many more people preferred fettuccine to linguine in Survey 1?
8. If you want to know the exact number of people who preferred spaghetti over linguine in Survey 1, which is a better source, the table or the graph? Explain.

**PLANT GROWTH** For Exercises 9 and 10, use the line graph that shows the growth of a Ponderosa pine over 5 years.



9. Explain how the graph misrepresents the data.
10. How can the graph be redrawn so that it is not misleading?