

STUDY LINK
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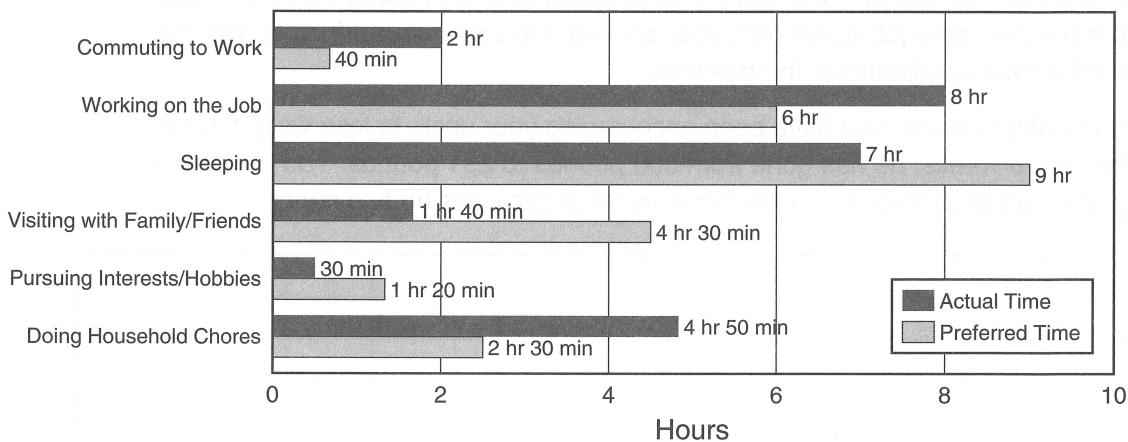
Survey Results



A sample of 2,000 working adults was surveyed to determine how much time they spend performing certain weekly activities and how much time they would prefer to spend on these activities. For example, the average time adults spend on household chores is 4 hr 50 min, while the average time they prefer to do household chores is 2 hr 30 min.

The survey results are shown in the side-by-side bar graph below.

Actual vs. Preferred Times for Daily Activities



1. a. What is the actual time spent pursuing interests/hobbies? _____

b. How much time would adults prefer to spend pursuing interests/hobbies?

2. What is the difference between the actual time and preferred time for doing household chores?

3. For this survey, researchers interviewed every 25th rider who boarded a commuter train on a Monday morning. Do you think this sampling method provides a random or biased sample? Explain.

Practice

4. $\$700.00 \div 10 =$ _____ 5. $\$84.50 \div 10 =$ _____ 6. $\$259.20 \div 10 =$ _____