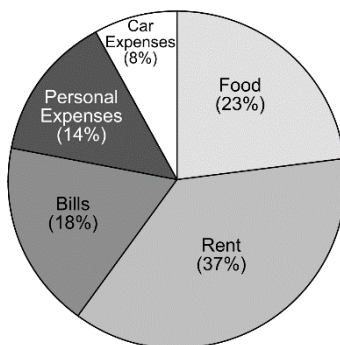


4.6 Interpreting Circle Graphs

1. The circle graph shows Samson's household budget for a month.

**Samson's Household Budget
for One Month**

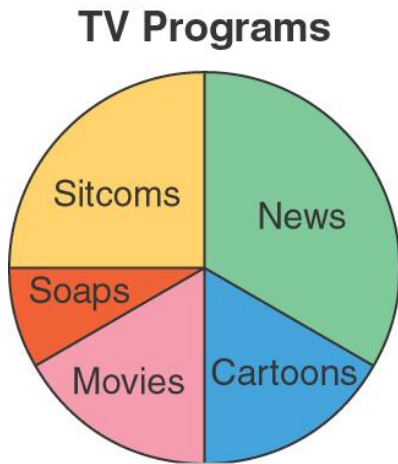


- a) Samson takes home \$2500 per month. How much does he budget for each item?

| Household Items | Percentage | Fraction | Decimal | Amount of Money Spent on Each Item |
|-------------------|------------|----------|---------|------------------------------------|
| Food | | | | |
| Rent | | | | |
| Bills | | | | |
| Personal Expenses | | | | |
| Car Expenses | | | | |

- b) Samson gets a raise of \$500 per month. How will this affect his **food** budget?

2. This circle graph shows how much time is spent in one day watching different types of TV programs.



- a) Which type of program is watched for the **greatest** amount of time?
- b) Which two types of programs are watched for approximately the **same** amount of time?
- c) Estimate the fraction of time spent watching sitcoms.
- d) Suppose TV is watched for 1000 days.
Estimate how much time is spent watching sitcoms.