

Warmup 5

Solve these problems:

1. Suppose that the population of patients served by the Fenway Community Health Center is 70% male and 30% female. You want to do a survey of resource usage and draw a random sample of 20 patients. How many males and females do you expect to see in your sample?

2. You budget half your monthly stipend for rent, $\frac{1}{4}$ for food, $\frac{1}{6}$ for transportation, and have the rest (\$80) available for entertainment. What is your monthly stipend?