

**5-2****Real-Life Career Activity****Statistician**

The Benson School District superintendent asked the cafeteria managers at the three schools in her district to determine what kind of food the students like. A group of students at each school was asked if they liked pizza, hot dogs, tacos, and hamburgers. The superintendent received these results of the survey:

Elementary School: 3 of every 4 students said they like pizza.  
3 of every 5 students said they like hot dogs.  
4 of every 7 students said they like tacos.  
1 of every 6 students said they like hamburgers.

Middle School: 5 of every 6 students said they like pizza.  
4 of every 5 students said they like hot dogs.  
1 of every 3 students said they like tacos.  
1 of every 9 students said they like hamburgers.

High School: 2 of every 3 students said they like pizza.  
7 of every 12 students said they like hot dogs.  
3 of every 10 students said they like tacos.  
2 of every 9 students said they like hamburgers.

**Solve. Write each answer as a whole number, a fraction, a decimal, and a percent. Round decimals to the nearest hundredths place if necessary.**

- There were 420 students surveyed at the elementary school. How many elementary students liked each food?
  - pizza
  - hot dogs
  - tacos
  - hamburgers
- There were 90 students surveyed at the middle school. How many middle school students liked each food?
  - pizza
  - hot dogs
  - tacos
  - hamburgers
- There were 180 students surveyed at the high school. How many high school students liked each food?
  - pizza
  - hot dogs
  - tacos
  - hamburgers