

Through the Grapevine

Level B

Examine several packages of individual raisin boxes. Make a table or graph to show the number of raisins in each box. Then find the mean (average) number of raisins per box for your class data.

Suppose each student in your class ate one individual box of raisins for lunch. How many raisins would you expect to be eaten during lunch? Explain how you figured it out.

Suppose, on average, each student in your class each ate one individual box of raisins each week throughout the school year. Approximately how many raisins would you expect to be eaten? Explain how you found your estimate.

A recipe for oatmeal cookies calls for two individual boxes of raisins to be used. The recipe makes one dozen cookies. Approximately how many raisins would you expect to find in a single cookie from that recipe? Explain your solution.

Explain why it is important to know the mean (average) number of raisins in a box.

