

1. A class conducts a survey of 1000 students.
  - a. The survey reveals that 20% of the students speak Spanish. How many students is this?
  - b. 6% of the students have forgotten their locker combinations at some time. How many students is this?
  - c. Of the sixth-grade students surveyed, 12% bring their lunches to school. Suppose 24 sixth graders do this. How many sixth graders are at the school.

2. Arif and Keisha go to a restaurant for dinner. Their meals total \$13.75. The sales tax is 5%. How much tax is added to the bill? They want to leave a 15% tip based on the bill and the tax combined. How much should they leave? Explain.

3. A. Jen and Sarah go to lunch at the Green Grill. Their meal totals \$28 The sales tax is 6%. What is the total cost with tax? They want to leave a 20% tip based on the total cost before tax. How much should they leave? B. Describe two strategies that Jen and Sarah can use to figure out the amount of the tip.

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