

Additional Practice**Investigation 4****Bits and Pieces III**

1. The Oceanview Middle School sixth-grade class voted on whether to hold their class party on the second or third of April. Holding the party on April third won with 62% of the vote.
 - a. What percent of the sixth-grade class voted to have the party on the second?
 - b. There are 355 sixth graders at Oceanview Middle School.
 - i. How many voted for having the party on the third?
 - ii. How many voted for having the party on the second?
 - c. The planning committee is expecting 80% of the class to attend the party. How many students are they expecting?
2. The number of registered voters in the town of Cedarville is 8,916. In the last election, Mayor Burgis won reelection with 72% of the vote.
 - a. If 52% of registered voters voted in the election, how many people voted?
 - b. Based on your answer to part (a), how many voters voted for Mayor Burgis?
 - c. Based on your answers to parts (a) and (b), how many of those who voted did not vote for Mayor Burgis?
 - d. How many registered voters would need to vote in the next election for the voter turnout to be 75%?

Additional Practice *(continued)***Investigation 4****Bits and Pieces III**

3. Last Saturday, Aaron had lunch at a fast-food restaurant. He ordered the lunch special for \$3.29. If sales tax is 6%, how much did Aaron pay for the lunch special?
4. Skateboards are on sale at Susan's Skateshop for 30% off.
- Express the discount as a fraction.
 - If the regular price of a skateboard is \$89, what is the discounted price?
 - What is the total cost of the discounted skateboard in part (b) if sales tax is 4.5%?
5. The Midtown Middle School cheerleaders earned \$175 at a car wash. If this amount is 25% of the cost of a new set of uniforms, what is the total cost for a set of uniforms? Explain.
6. Mary and Ms. Miller are ordering merchandise to sell in the student store. Ms. Miller says that the cost of notebooks is 125% of last year's cost.
- Explain what Ms. Miller means.
 - If a notebook cost \$2.00 last year, what will a notebook cost this year? Explain.