**Lesson 1 Problem-Solving Practice**

***Terminating and Repeating Decimals***

|  |  |  |
| --- | --- | --- |
| **1. BOYS AND GIRLS** There were 6 girls and 18 boys in Mrs. Johnson’s math class. Write the number of girls as a fraction of the number of boys. Then write the fraction as a repeating decimal. |  | **2. CATS** In a neighborhood of 72 families, 18 families own one or more cats. Write the number of families who own one or more cats as a fraction. Then write the fraction as a decimal. |
| **3. CELLULAR PHONES** In Italy, about 74 of every 100 people use cellular telephones. Write the fraction of cellular phone users in Italy. Then write the fraction as a decimal. |  | **4. FRUITS** Ms. Rockwell surveyed her class and found that 12 out of the 30 students chose peaches as their favorite fruit. Write the number of students who chose peaches as a fraction in simplest form. Then write the fraction as a decimal. |
| **5. TRAVEL** Tora took a short trip of 320 miles. He stopped to have lunch after he had driven 120 miles. Write the fraction of the trip he had completed by lunch in simplest form. Then write the fraction as a decimal. |  | **6. VOTING** In a recent school election, 208 of the 325 freshmen voted in their class election. Write the fraction of freshmen who voted. Then write the fraction as a decimal. |