

Lesson 4 Problem-Solving Practice

Terminating and Repeating Decimals

1. BOYS AND GIRLS There were 5 girls and 22 boys in Mrs. Pantoja's math class. Write the number of girls as a fraction of the number of boys. Then write the fraction as a decimal.	2. DOGS In a neighborhood of 75 families, 16 families own one or more dogs. Write the number of families who own one or more dogs as a fraction. Then write the fraction as a decimal.
3. PHONES In one town, about 93 of every 100 people use cellular telephones. Write this amount as a fraction. Then write the fraction as a decimal.	4. PIES At a reunion, $14\frac{5}{8}$ blueberry pies were eaten. Write the amount of pies as a decimal.
5. RUNNING Tora ran $\frac{15}{16}$ mile on Tuesday and $1\frac{1}{4}$ miles on Wednesday. Write each distance 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.