

# Lesson 1 Problem-Solving Practice

## Decimals and Fractions

**1. FIELD TRIP** About 0.4 of a biology class will be going on a field trip. Write the decimal as a fraction in simplest form.

**2. EARTH** Eight tenths of all life on Earth is below the ocean's surface. Write 0.8 as a fraction in simplest form.

**3. DISTANCE** The distance of planets from the Sun is shown in the table. Write each decimal as a mixed number in simplest form.

Planet	Distance from the Sun
Earth	92.96 million miles
Mercury	35.99 million miles
Venus	67.24 million miles

**4. SATURN** If you weighed 138 pounds on Earth, you would weigh 128.34 pounds on Saturn. Write the weight on Saturn as a mixed number in simplest form.

**5. MERCURY** The planet Mercury is roughly  $\frac{2}{5}$  the size of Earth. Write the fraction as a decimal.

**6. HEIGHT** Winona is  $2\frac{3}{12}$  the height of her little brother. Write the mixed number as a decimal.