

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.

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