

Lesson 1 Problem-Solving Practice

Decimals and Fractions

<p>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.</p>	<p>2. EARTH Eight tenths of all life on Earth is below the ocean’s surface. Write 0.8 as a fraction in simplest form.</p>								
<p>3. DISTANCE The distance of planets from the Sun is shown in the table. Write each decimal as a mixed number in simplest form.</p> <table><tr><th>Planet</th><th>Distance from the Sun</th></tr><tr><td>Earth</td><td>92.96 million miles</td></tr><tr><td>Mercury</td><td>35.99 million miles</td></tr><tr><td>Venus</td><td>67.24 million miles</td></tr></table>	Planet	Distance from the Sun	Earth	92.96 million miles	Mercury	35.99 million miles	Venus	67.24 million miles	<p>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.</p>
Planet	Distance from the Sun								
Earth	92.96 million miles								
Mercury	35.99 million miles								
Venus	67.24 million miles								
<p>5. MERCURY The planet Mercury is roughly $\frac{2}{5}$ the size of Earth. Write the fraction as a decimal.</p>	<p>6. HEIGHT Winona is $2\frac{3}{12}$ the height of her little brother. Write the mixed number as a decimal.</p>								

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