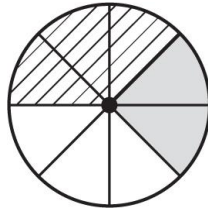


Lesson 2 Problem-Solving Practice

Ratios

For Exercises 1–3, use the figure below. The circle has been divided in eighths.



<p>1. Find the ratio of shaded sections to striped sections. Then explain its meaning.</p>	<p>2. Find the ratio of shaded sections to the total number of sections. Write the ratio as a fraction in simplest form. Then explain its meaning.</p>
<p>3. What is the ratio of empty sections to striped or shaded sections? Explain its meaning.</p>	<p>4. FOOTBALL In a recent NFL season, the Miami Dolphins won 4 games and the Oakland Raiders won 5 games. What is the ratio of wins for the Dolphins to wins for the Raiders?</p>
<p>5. GARDENING Rod has 10 rosebushes, 2 of which produce yellow roses. Write the ratio <i>2 yellow rosebushes out of 10 rosebushes</i> in simplest form.</p>	<p>6. AGES Oscar is 16 years old and his sister Julia is 12 years old. What will be the ratio of Oscar’s age to Julia’s age in 2 years? Write as a fraction in simplest form.</p>

B