

Lesson 6 Problem-Solving Practice

Equivalent Ratios

<p>1. FITNESS Jessica can do 60 jumping-jacks in 2 minutes. Dale can do 150 jumping-jacks in 5 minutes. Are these rates equivalent? Explain your reasoning.</p>	<p>2. BAKING A cookie recipe that yields 48 cookies calls for 2 cups of flour. A different cookie recipe that yields 60 cookies calls for 3 cups of flour. Are these rates equivalent? Explain your reasoning.</p>
<p>3. MUSIC A music store is having a sale where you can buy 2 new-release CDs for \$22 or you can buy 4 new-release CDs for \$40. Are these rates equivalent? Explain your reasoning.</p>	<p>4. TRAVEL On the Mertler's vacation to Florida, they drove 180 miles in 3 hours before stopping for lunch. After lunch they drove 120 miles in 2 hours before stopping for gas. Are these rates equivalent? Explain your reasoning.</p>
<p>5. BOOKS At the school book sale, Michael bought 3 books for \$6. Darnell bought 5 books for \$10. Are these rates equivalent? Explain your reasoning.</p>	<p>6. SURVEY One school survey showed that 3 out of 5 students own a pet. Another survey showed that 6 out of 11 students own a pet. Are these results equivalent? Explain your reasoning.</p>