

7-4 Word Problem Practice***Algebra: The Percent Equation***

<p>1. DINING Jonas and Linda's restaurant bill comes to \$23.40. They are planning to tip the waiter 15% of their bill. How much money should they leave for a tip?</p>	<p>2. CHESS The Briarwood Middle School chess club has 55 members. 22 of the members are in seventh grade. What percent of the members of the chess club are in seventh grade?</p>
<p>3. TENNIS In the city of Springfield, 75% of the parks have tennis courts. If 15 parks have tennis courts, how many parks does Springfield have altogether?</p>	<p>4. COLLEGE There are 225 students in eighth grade at Jefferson Middle School. A survey shows that 64% of them are planning to attend college. How many Jefferson eighth grade students are planning to attend college?</p>
<p>5. BASEBALL In a recent season, the Chicago White Sox won 99 out of 162 games. What percent of games did the White Sox win? Round to the nearest tenth if necessary.</p>	<p>6. HOUSING In the Stoneridge apartment complex, 35% of the apartments have one bedroom. If there are 49 one-bedroom apartments, what is the total number of apartments at Stoneridge?</p>
<p>7. SPACE On Mars, an object weighs 38% as much as on Earth. How much would a person who weighs 165 pounds on Earth weigh on Mars?</p>	<p>8. FOOTBALL In a recent season, quarterback Jake Plummer of the Denver Broncos had 7 passes intercepted out of 456 attempts. What percent of Jake Plummer's passes were intercepted? Round to the nearest tenth if necessary.</p>