

ONE-STEP EQUATIONS APPLICATION II

Complete the table below by defining a variable, writing an equation, and then solving.

PROBLEM	EQUATION	WORK & SOLUTION
<p>1. Hank and his two friends are attending a concert. They purchase tickets and parking for a total of \$129.00. They decide it is easiest to split it evenly. How much does each person owe?</p>	<p>Variable: _____</p> <p>Equation: _____</p>	
<p>2. A rectangle has an area of 135 ft². What is the length if the width is 9 ft?</p>	<p>Variable: _____</p> <p>Equation: _____</p>	
<p>3. Jose has \$34 to spend at the Texas State Fair. If the entrance ticket costs \$12, then how much money does Jose have to spend on food and games?</p>	<p>Variable: _____</p> <p>Equation: _____</p>	
<p>4. Paul rode his bike 79 miles last month. He rode 23 miles during the last half of the month. How many miles did he ride during the first half of the month?</p>	<p>Variable: _____</p> <p>Equation: _____</p>	
<p>5. A wood beam is divided into four equal segments. Each segment measures 3.5 feet long. What is the length of the wood beam?</p>	<p>Variable: _____</p> <p>Equation: _____</p>	