

Natalia Elementary

Math Problem Solving Model

<p><u>Understand</u></p> <ul style="list-style-type: none"> • Read the problem carefully. • Underline important information. • Identify the question. • Identify number of steps needed. 	<p>Ex: Kenny runs <u>3 miles</u> every morning. He runs <u>7 mornings</u> a week. <u>How many miles does Kenny run in a week?</u></p>
<p><u>Plan</u></p> <ul style="list-style-type: none"> • Identify the information needed to solve the problem. • Draw a picture, model, and label all parts. • Choose a strategy or tool. • Choose an operation. • Write the equation. 	<p>Ex:</p> <p>3 miles 7 mornings</p> <p>3 groups of 7.</p> <p>Repeated addition Multiply 3X7</p>
<p><u>Solve</u></p> <ul style="list-style-type: none"> • Use your plan and data to solve. • DO THE MATH 	<p>Ex:</p> <p>$7+7+7=21$ $3 \times 7=21$</p>
<p><u>Check</u></p> <ul style="list-style-type: none"> • Check your Math. • Did you answer the question? • Is your answer reasonable? 	<p>Ex:</p> <p>$21 \div 7=3$ (fact family)</p>

