

Problem Solving Template – Conversion of Millimeters to Inches – Activity 1

Student Name:	Date:
<p>Description of the Problem</p> <p><i>(In the context of creating a simple 3D design of a BMX bike pedal, we need to create 3D drawings in Autocad. One drawing working in millimeters and the other drawing in inches. It is necessary to understand how to convert from millimeters to inches.</i></p>	P R O B L E M
<p>Given Information:</p> <p><i>Given data and equations that may be used:</i></p> <p>$1\text{ mm} = 0.03937\text{ inches}$</p>	G I V E N
<p>Development of the Solution:</p> <div style="text-align: center; margin-top: 20px;"> $? \text{ mm} = x \text{ inches} \frac{1 \text{ mm}}{0.03937 \text{ inches}}$ </div>	S O L V E
<p>Additional Notes:</p> <p><i>Provide final notes to describe the answer.</i></p> <p><i>Plug in the x unknown value for inches that you would like to convert to inches.</i></p>	N O T E