



# Real World Problem Scenario

<b>Scenario:</b>	<b>Valuable Minerals</b>
<b>Business:</b>	<b>Northwestern Mutual</b>
<b>Business Participant:</b>	<b>Ray Costa - Financial Advisor</b>
<b>Career Cluster(s):</b>	<b>Finance, STEM</b>
<b>Grade Level:</b>	<b>9-12</b>
<b>Standards &amp; Skills:</b>	A.REI Understand solving equations as a process of reasoning and explain the reasoning F.LE Linear, Quadratic, and Exponential Models S.IC Make inferences and justify conclusions from sample surveys, experiments, and observational studies

## Problem Description:

Your family owns a large plot of land which you recently learned has valuable minerals beneath the surface. Two companies approach you about leasing the mineral rights to your property. After speaking with an expert, and the two companies competing for your rights, you need to predict future payments and create a financial plan for your family.

## Things to be considered or defined for the solution:

- Payment options for both companies
- Age of make-up of the family involved, including extended family
- Current financial situation, including possible pensions
- Current interests rates
- Financial priorities and goals of the family

