

**Solution**  
**“Mortgage From Hell”**

**Principal = \$45,000**

**Annual Percentage Rate = 12%**

**Monthly Payment = \$450**

**How long would it take to pay off the mortgage listed above?**

**It is NOT possible to pay off this debt under these conditions. The present value formula will come up unsolvable. Since there is no solution, there is no possibility of decreasing the debt to 0.**

**This could lead to an interesting discussion on consumer debt.**