

Get a Half Life

Exponential Equations: Overview of the Lesson

Get a Half Life

- The students modeled an exponential decay situation in this activity.
- Students were given M&Ms which they poured onto a plate
- They removed the M&Ms that had the Ms facing upwards and counted the ones remaining on the plate.
- They repeated the procedure until they only had 1 or 2 M&Ms on their plates.
- The data was put into the graphing calculators and they attempted to graph a line using a linear equation.
- Then they did the same thing for an exponential equation and saw a curve.
- This helped them see that an exponential equation matched their data better than the line.