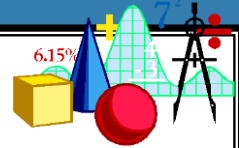


Mathematics, Algebra I  
Unit III: Lesson A1

Table / Model: **Below Zero**



Construct a table of the powers of two and the powers of three using exponents from five to one.

Analyze each column of the table for a pattern. Continue the entries in the table using exponents from zero to negative five, following the pattern you determined. Write definitions of zero and negative exponents. Check that your definition is consistent with the rules of exponents.

Make a model to display the results using a computer or manipulative device of your creation.