SECTION 1 – OLD COMPUTERS

SECTION TWO - BASE CONVERSIONS

SECTION THREE - EXPLORATION

1. I believe that the first column represents time, in microseconds. The three following columns represent acceleration in pulse width modulation.
2. Microseconds and pulse width modulation

SECTION FOUR - JOYSTICK CALIBRATION

1. Y=(X/480)-32
2. I found (-14, -32) to be the center. This is probably due to a tiny difference between the rest position of the sensor and physical stick.
3. If not accounted for, this would cause inaccurate sensor readings.
4. Construct a more complex, nonlinear equation that accounts for this error better in all directions.