

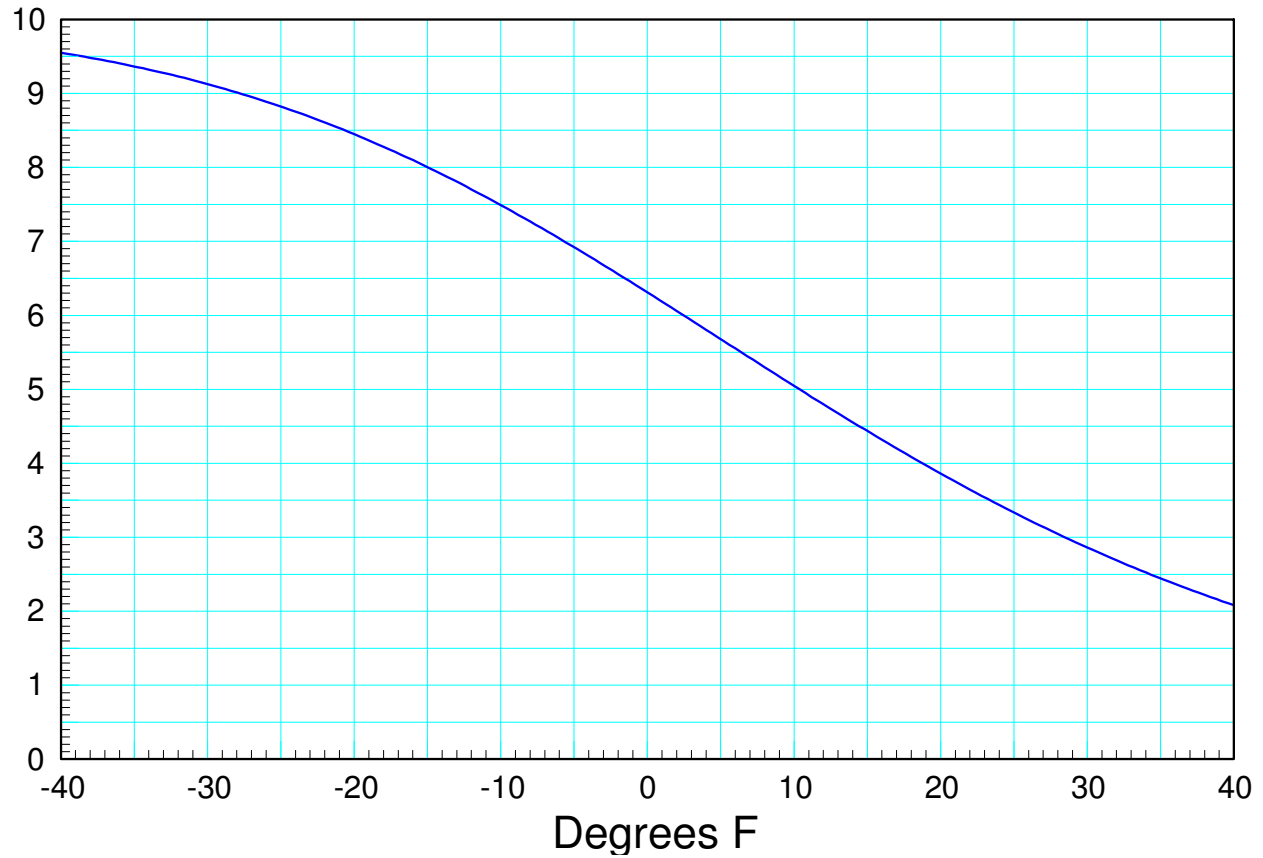
# ECE 111: Handout #2

Week #2: Algebra 1

Assume voltage and temperature are related by the following graph.

- Determine the voltage when  $T = \{-20C, 0C, +20C\}$
- Determine the temperature when  $V = \{3.0V, 5.0V, 7.0V\}$

Celsius



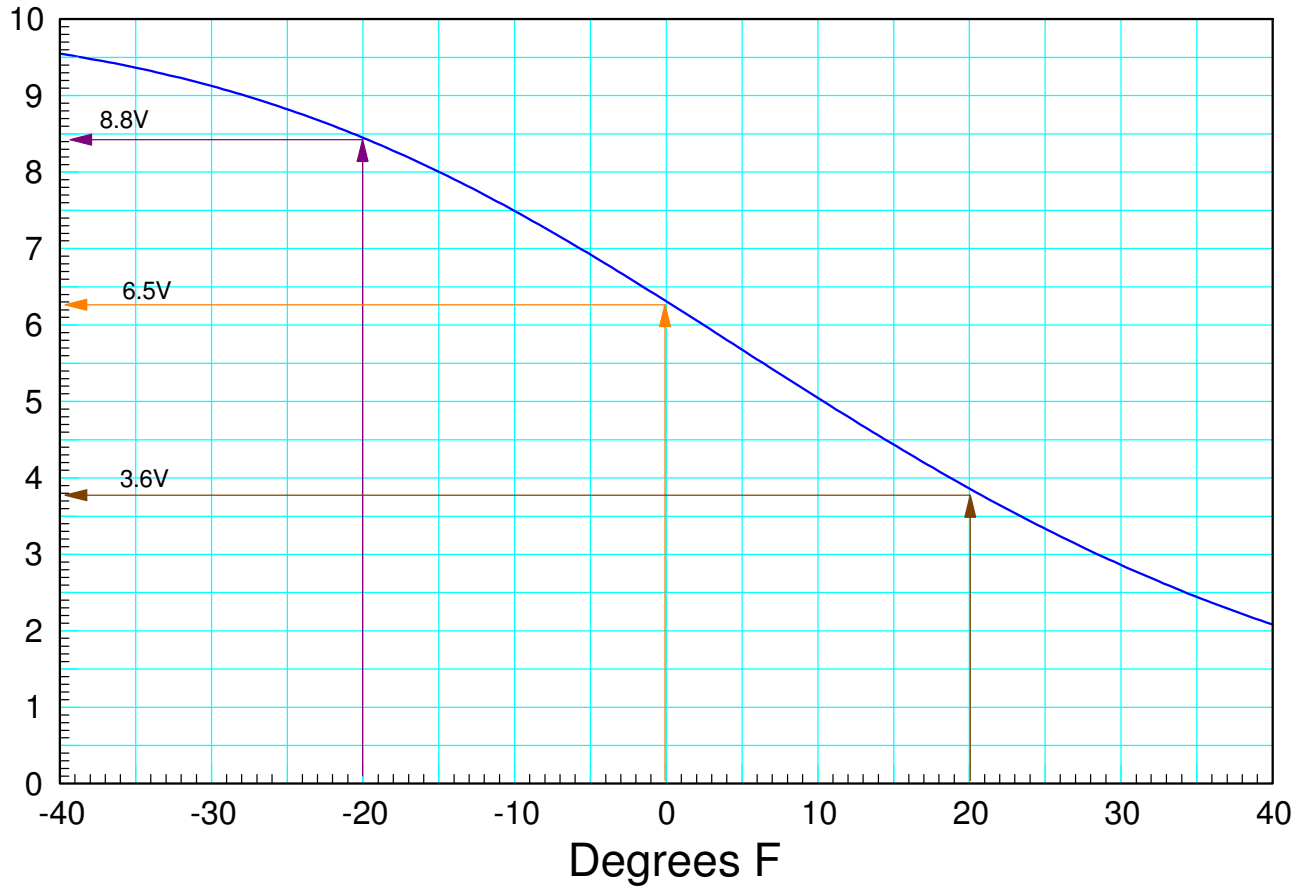
# Handout Solutions

Week #2: Algebra 1

Determine the voltage when  $T = \{-20C, 0C, +20C\}$

- On the graph, determine the point which has a temperature on the x-axis
- Then read the corresponding voltage on the y-axis

Celsius



Determine the temperature when  $V = \{3.0V, 5.0V, 7.0V\}$

- On the graph, determine the point with voltage  $V$  (y-axis)
- Then read the corresponding temperature (x-axis)

## Celsius

