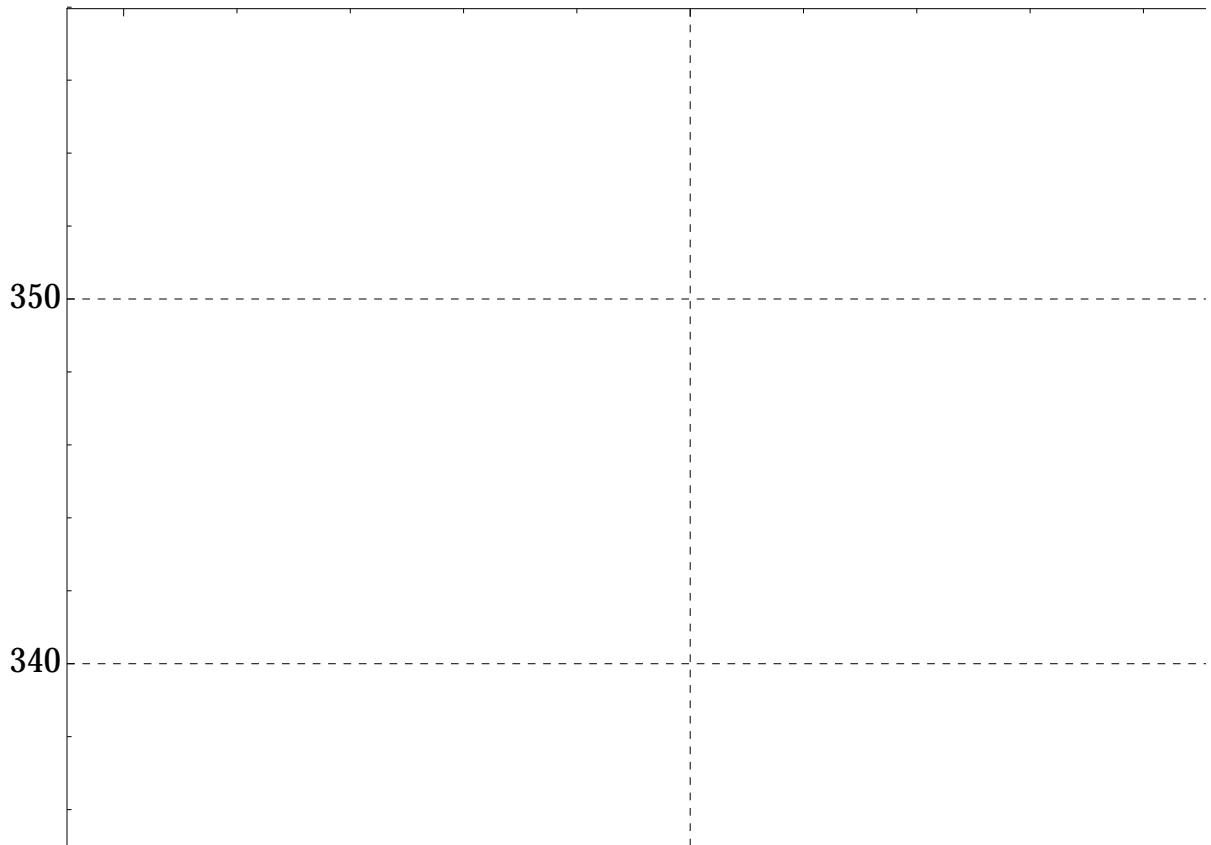


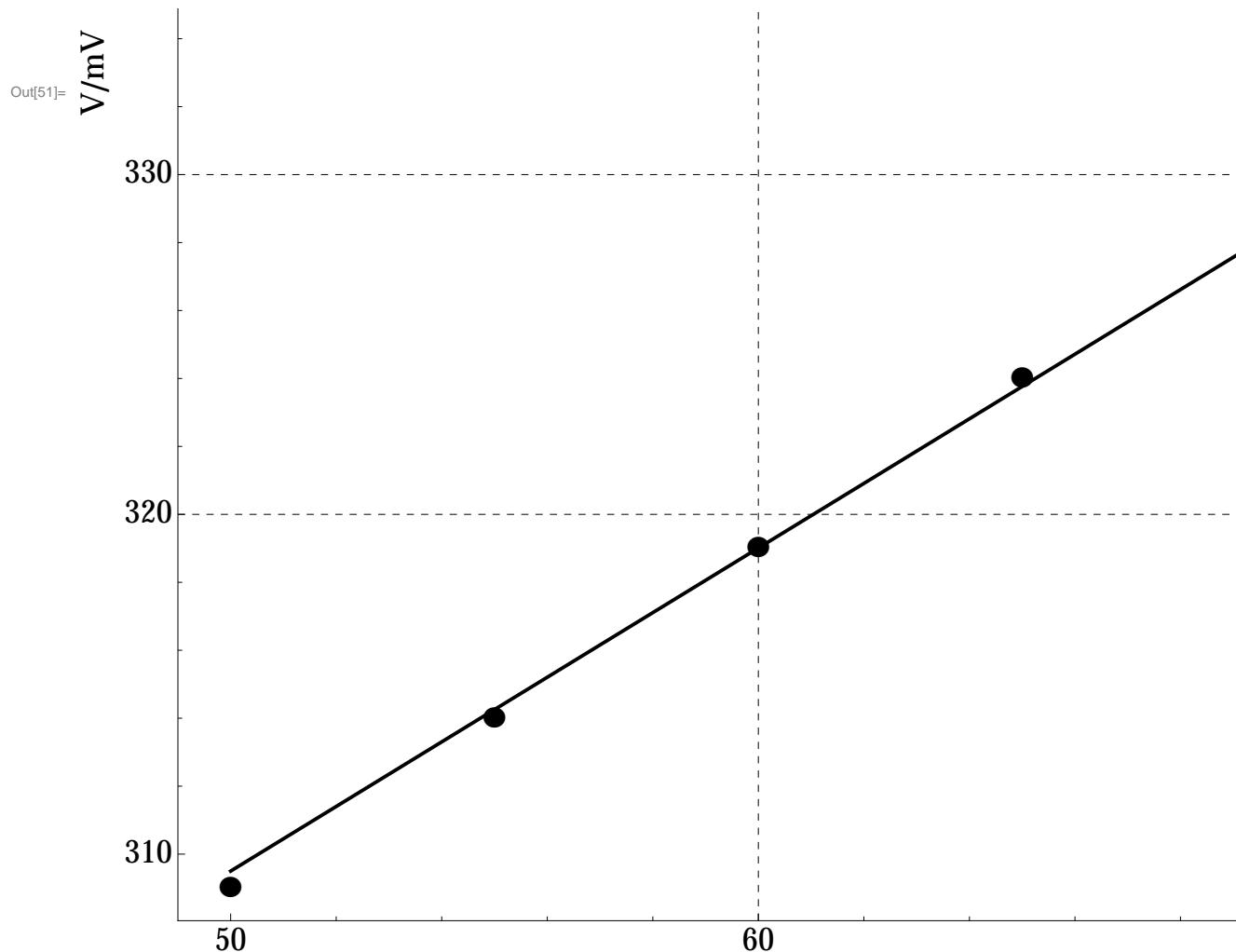
```

In[44]:= (*exp10*)
temperature = Range[50, 100, 5];
volts = {309, 314, 319, 324, 329, 334, 338, 343, 347, 352, 357};
coordinatesExp10 = Transpose[{temperature, volts}];
linearFitExp10 = LinearModelFit[coordinatesExp10, x, x];
PlotGraph = ListPlot[
  coordinatesExp10,
  PlotMarkers -> {Automatic, 18},
  PlotStyle -> Black,
  GridLines -> Automatic,
  GridLinesStyle -> Directive[Black, Dashed],
  Frame -> Automatic,
  FrameLabel -> {"T/°C", "V/mV"},
  PlotLabel -> "集成温度 I 感器的特性",
  BaseStyle -> {FontWeight -> "Bold", FontSize -> 18}
];
regressionExp10 = Plot[Normal[linearFitExp10],
{x, Max[temperature], Min[temperature]}],
PlotStyle -> {Black, Thick}];
errorExp10 = Max[Abs[linearFitExp10["FitResiduals"]]] / 
(Max[temperature] - Min[temperature]) // ScientificForm
Show[PlotGraph, regressionExp10]

```

Out[50]//ScientificForm=

$$1.45455 \times 10^{-2}$$




In[23]:= Normal [linearFitExp10]

Out[23]=  $261.955 + 0.950909 x$