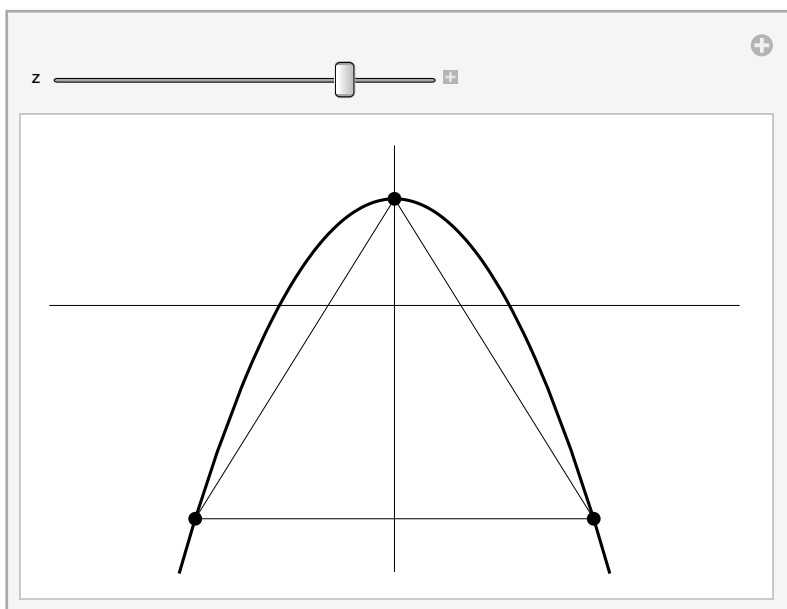


```

In[1]:= Manipulate[
  Plot[
    1 - x^2,
    {x, -5, 5},
    PlotRange → {{-3, 3}, {-2.5, 1.5}},
    PlotStyle → Black,
    Ticks → None,
    Epilog → {
      PointSize[0.02], Point[{{z, 1 - z^2}, {-z, 1 - z^2}, {0, 1}}],
      EdgeForm[Black], White, Opacity[0],
      Triangle[{{z, 1 - z^2}, {-z, 1 - z^2}, {0, 1}}]
    }
  ],
  {z, Sqrt[3]}, -3, 3
]

```

Out[1]=



```

In[19]:= Manipulate[
  Row[
    {
      Plot[
        {Cos[x], Sin[2 x]},
        {x, 0, 2 Pi},
        PlotStyle -> Black,
        ImageSize -> Small,
        Epilog -> {
          Dashed, Line[{t, Cos[t]}, {t, Sin[2 t]}]}
      ],
      Plot[
        Sin[2 x] - Cos[x],
        {x, 0, 2 Pi},
        ImageSize -> Small,
        PlotStyle -> Black,
        Epilog -> {
          PointSize[0.02], Point[{t, Sin[2 t] - Cos[t]}]
        }
      ]
    }
  ],
  {{t, 3.7764595247233}, 0, 2 Pi}
]

```

Out[19]=

