

Making Graphs

Plot

```
f[t_] = (9.8/2) * t^2; (*The free fall on the Earth*)
g[t_] = (1.62/2) * t^2; (*The free fall on the Moon*)
Plot[{f[t], g[t]}, {t, 0, 2},
  PlotStyle →
    {Directive[Blue, Thickness[0.01]], Directive[Green, Thickness[0.01], Dashed]},
  PlotRange → {{0, 2}, {f[0], f[2]}},
  AspectRatio → 1,
  Frame → True,
  FrameStyle → Directive[Black],
  FrameLabel → {Row[{Style["t", Italic, 20, Black, FontFamily → "Times New Roman"],
    Style[" [s]", 20, Black, FontFamily → "Times New Roman"]}],
    Row[{Style["x", Italic, 20, Black, FontFamily → "Times New Roman"],
    Style[" [m]", 20, Black, FontFamily → "Times New Roman"]}]},
  FrameTicksStyle → Directive[Black, FontSize → 20, FontFamily → "Times New Roman"],
  ImageSize → Medium]
```

