

```

ψ = NDSolve[
  y''[z] +  $\frac{1}{(3z)^{4/3}}$  y[z] == 0
  && y[1/3] == 1 && y'[1/3] == 0,
  y[z], {z, 1, a^3/3}
];
Plot[Evaluate[y[z] /. ψ],
  {z, 1, a^3/3}, PlotRange → {-b, b}]

```

