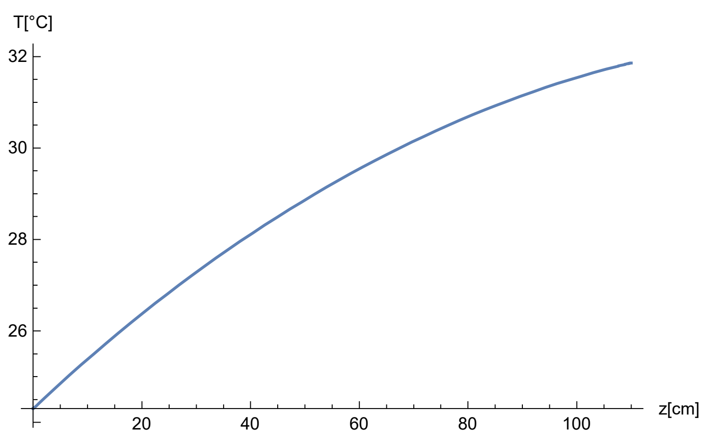
In[∘]:=

```
ΔHabs = (84.68 - 0.1135 * T[z] + 0.0027 * T[z]^2) * 1000 * 0.23901;
RA = -7.297 * 10^-14 * z^3 - 5.39 * 10^-12 * z^2 - 8.047 * 10^-10 * z + 1.043 * 10^-6;
a = 1.15;
hpared = 0.0014;
Tinicial = 24.3;
Qv = -hpared * a * (T[z] - Tinicial);
Vz = 0.196;
ρL = 0.056;
Cpmezcla = 19.352;
ΦH = ΔHabs * RA * a;
sol = NDSolve[{T'[z] == (ΦH + Qv)/(Vz * ρL * Cpmezcla), T[0] == Tinicial}, T, {z, 0, 110}]
      resolvedor diferencial numérico

Plot[Evaluate[T[z] /. %], {z, 0, 110}, AxesLabel → {"z[cm]", "T[°C]"}]
repr··· evalúa                          etiqueta de ejes
TableForm[{{"z" cm, "T" °C}}, TableDepth → 2]
forma de tabla                 profundidad de tabla
Table[{z, T[z] /. sol}, {z, 0, 110, 10}] // TableForm
tabla                                      forma de tabla
```

Out[∘]= {{T → InterpolatingFunction[Domain: {{0., 110.}} Output: scalar]}}

Out[∘]=



Out[∘]//TableForm=

z cm   T °C

Out[ ]//TableForm=

0	24.3
10	25.3812
20	26.3741
30	27.2832
40	28.1125
50	28.865
60	29.5432
70	30.1488
80	30.683
90	31.1465
100	31.5392
110	31.8609