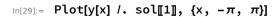
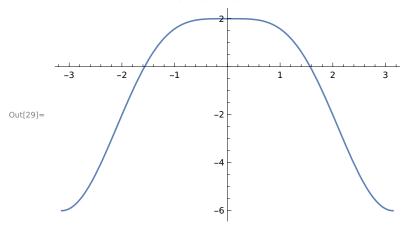
$$\begin{aligned} &\inf\{i:= \text{ sol = DSolve[x'[t] == x[t], x[t], t]} \\ &\inf\{i:= \text{ out[i] = } \{\{x[t] \to e^t c_1\}\} \\ &\inf\{i:= \text{ pix[t], t] == x[t] } \text{ .} \text{ sol[i]} \\ &\inf\{i:= \text{ out[i] = } e^t c_1 \\ &\inf\{i:= \text{ x[t] } \text{ .} \text{ First[DSolve[\{x'[t] == x[t], x[0] == 2\}, x[t], t]]} \\ &\inf\{i:= \text{ out[i] = } 2e^t \\ &i:= \text{ out[i] = } 2$$





 $ln[34]:= s = DSolve[{3 * y''[x] + 5 * y'[x] + 6 * y[x] == 0, y[0] == 0, y'[0] == 1}, y[x], x]$ $z[x_{,} a_{,} b_{,} c_{,}] = y[x] /. s[[1]]$

Out[34]=
$$\left\{ \left\{ y[x] \to \frac{6 e^{-5 \times /6} \sin\left[\frac{\sqrt{47} \times}{6}\right]}{\sqrt{47}} \right\} \right\}$$

Out[35]=
$$\frac{6 e^{-5 \times / 6} \sin \left[\frac{\sqrt{47} \times 6}{6} \right]}{\sqrt{47}}$$

 $In[38]:= Plot[y[x] /. s[1], {x, 0, 5}]$

