**Time Response: MATLAB**

```matlab
num=[2,4];den=[1,2,4];
g=tf(num,den)
Transfer function:
\[2 \, s + 4\]
\[\frac{s^2 + 2 \, s + 4}{s^2 + 2 \, s + 4}\]
step(g)
```

```matlab
>>g1=zpk([],[-1+j*sqrt(3),-1-j*sqrt(3)],4)
Zero/pole/gain:
4
\[\frac{(s^2 + 2s + 4)}{(s^2 + 2s + 4)}\]
>>hold on, step(g1)
```

To get the plot characteristics, right click on the white area of the plot then left click on characteristics. You can then select the characteristic you are interested in, such as the peak time (shown below). To obtain the numerical value, click on the dot marking the end of the peak time.