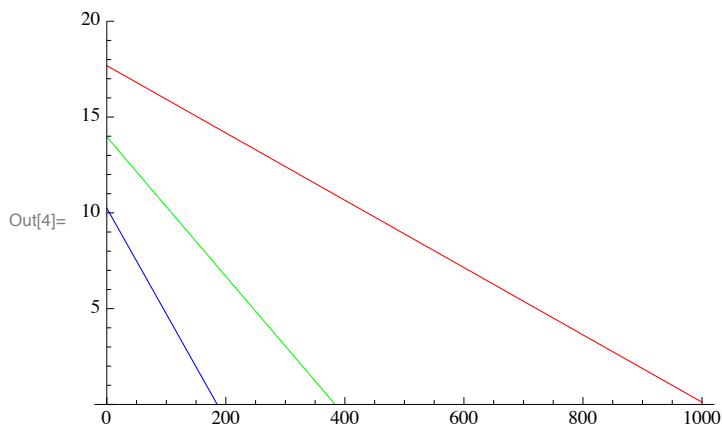

Test T_{final} :

■ Adjust Y-int and Slope

```
In[1]:= y1 = (13.965 + 3.71914) + (-0.0364024 + 0.0188379) * x;  
y2 = (13.965 - 3.71914) + (-0.0364024 - 0.0188379) * x;  
y3 = 13.965 - 0.0364024 * x;  
Plot[{y1, y2, y3}, {x, 0, 1000}, PlotStyle -> {Red, Blue, Green}, PlotRange -> {0, 20}]
```



```
In[5]:= time = Solve[13.965 - 0.0364024 * x == 0, x][[1]][[1]][[2]]
```

```
Out[5]= 383.628552
```

```
In[6]:= big = Solve[(13.965 + 3.71914) + (-0.0364024 + 0.0188379) * x == 0, x][[1]][[1]][[2]]
```

```
Out[6]= 1006.811466
```

```
In[7]:= small = Solve[(13.965 - 3.71914) + (-0.0364024 - 0.0188379) * x == 0, x][[1]][[1]][[2]]
```

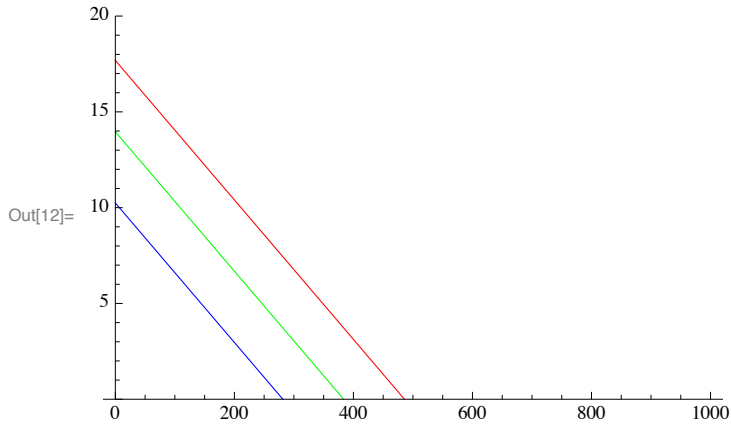
```
Out[7]= 185.4779934
```

```
In[8]:= {time - small, big - time}
```

```
Out[8]= {198.1505585, 623.1829143}
```

■ Adjust Y-int

```
In[9]:= y1 = (13.965 + 3.71914) + (-0.0364024) * x;  
y2 = (13.965 - 3.71914) + (-0.0364024) * x;  
y3 = 13.965 - 0.0364024 * x;  
Plot[{y1, y2, y3}, {x, 0, 1000}, PlotStyle -> {Red, Blue, Green}, PlotRange -> {0, 20}]
```



```
In[13]:= time = Solve[13.965 - 0.0364024 * x == 0, x][[1]][[1]][[2]]
```

Out[13]= 383.628552

```
In[14]:= big = Solve[(13.965 + 3.71914) + (-0.0364024) * x == 0, x][[1]][[1]][[2]]
```

Out[14]= 485.7959915

```
In[15]:= small = Solve[(13.965 - 3.71914) + (-0.0364024) * x == 0, x][[1]][[1]][[2]]
```

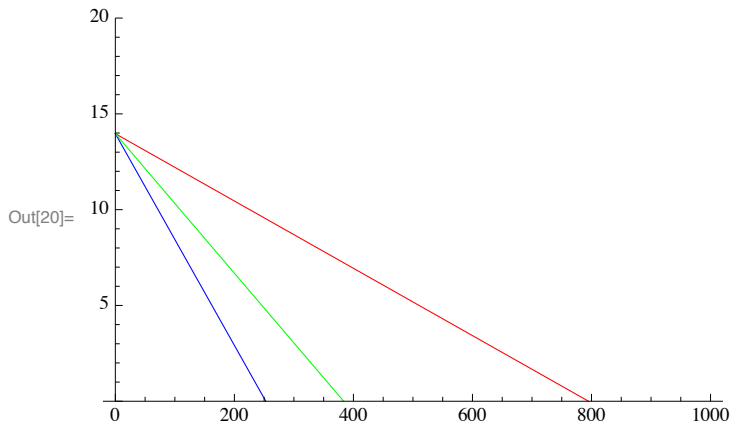
Out[15]= 281.4611125

```
In[16]:= {time - small, big - time}
```

Out[16]= {102.1674395, 102.1674395}

■ Adjust Slope

```
In[17]:= y1 = (13.965) + (-0.0364024 + 0.0188379) * x;
y2 = (13.965) + (-0.0364024 - 0.0188379) * x;
y3 = 13.965 - 0.0364024 * x;
Plot[{y1, y2, y3}, {x, 0, 1000}, PlotStyle -> {Red, Blue, Green}, PlotRange -> {0, 20}]
```



```
In[21]:= time = Solve[13.965 - 0.0364024 * x == 0, x][[1]][[1]][[2]]
```

Out[21]= 383.628552

```
In[22]:= big = Solve[(13.965) + (-0.0364024 + 0.0188379) * x == 0, x][[1]][[1]][[2]]
```

Out[22]= 795.0696006

```
In[23]:= small = Solve[(13.965) + (-0.0364024 - 0.0188379) * x == 0, x][[1]][[1]][[2]]
```

Out[23]= 252.8045648

```
In[24]:= {time - small, big - time}
```

Out[24]= {130.8239872, 411.4410487}