```
(* Quiz 17 *)
```

In[36]:=
```
f[x_] := 2 x - Tan[x];
```

In[37]:=
```
Simplify[f'[x]]
```

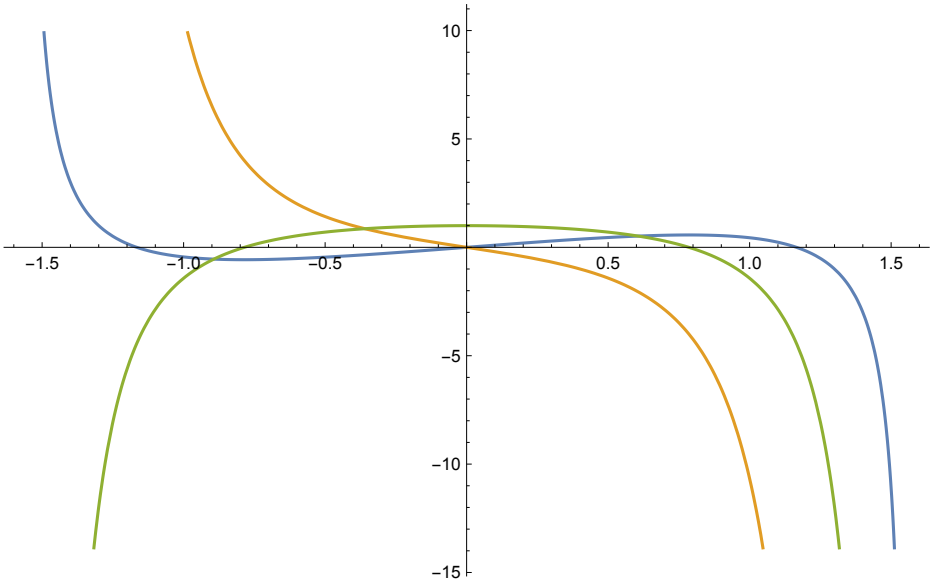
Out[37]=
```
2 - Sec[x]^2
```

In[38]:=
```
Simplify[f''[x]]
```

Out[38]=
```
-2 Sec[x]^2 Tan[x]
```

In[44]:=
```
Plot[{f[x], f''[x], f'[x]}, {x, -Pi / 2, Pi / 2}]
```

Out[44]=



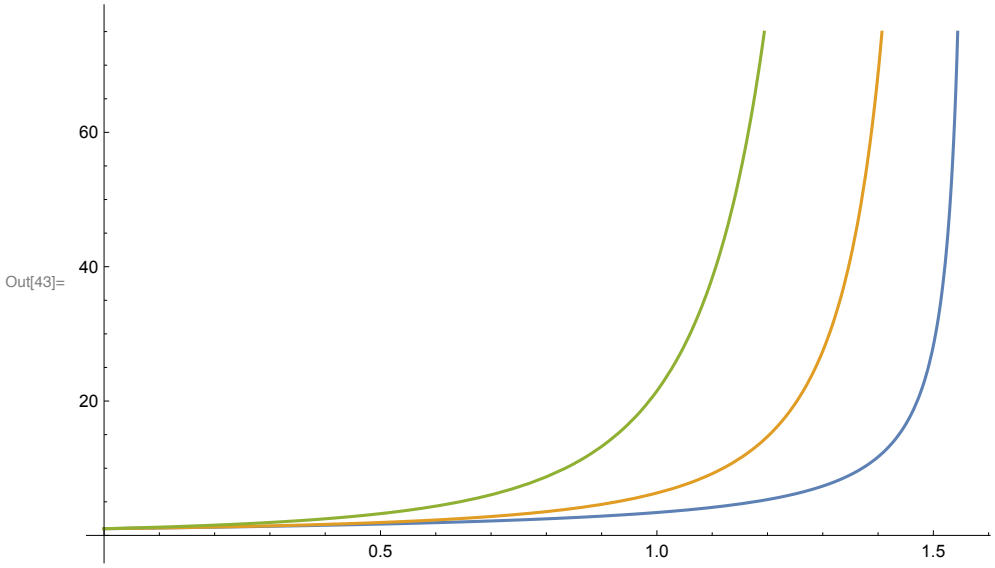

In[40]:=
```
g[x_] := Sec[x] + Tan[x];
```

In[41]:=
```
Simplify[g'[x]]
```

Out[41]=
```
Sec[x] (Sec[x] + Tan[x])
```

In[42]:=
```
Simplify[g''[x]]
```

Out[42]=
```
Sec[x] (Sec[x] + Tan[x])^2
```

In[43]:=
```
Plot[{g[x], g'[x], g''[x]}, {x, 0, Pi / 2}]
```

Out[43]=