

```

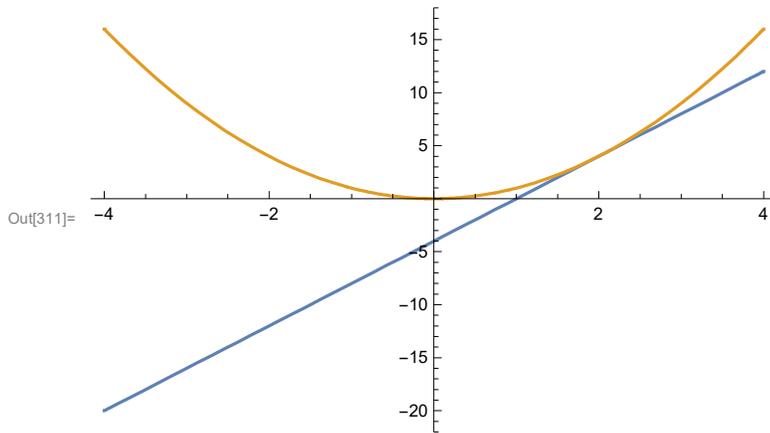
In[307]:= f[x_] := x^2
          D[f[x], x]
          D[f[x], x] /. x -> 2
          g[x] = 4 + (4 * (x - 2))
          Plot[{g[x], f[x]}, {x, -4, 4}]
          D[f[x], {x, 2}]
          D[f[x], {x, 2}] /. x -> 2
          h[x] = 4 + (4 * (x - 2)) + (x - 2)^2
          Plot[{h[x], f[x]}, {x, -4, 4}]

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Out[308]= 2 x

Out[309]= 4

Out[310]= 4 + 4 (-2 + x)



Out[312]= 2

Out[313]= 2

Out[314]= 4 + 4 (-2 + x) + (-2 + x)^2

