

In[13]:= **V = 2**

Plot[$(y = \frac{1}{4}V^2Y^4 - \frac{1}{2}VY^2 - Y + 1)$, {Y, -10, 10}]

[tracé de courbes](#)

Plot[$(y = \frac{1}{4}V^2Y^4 - \frac{1}{2}VY^2 - Y + 1)$, {Y, -2, 2}]

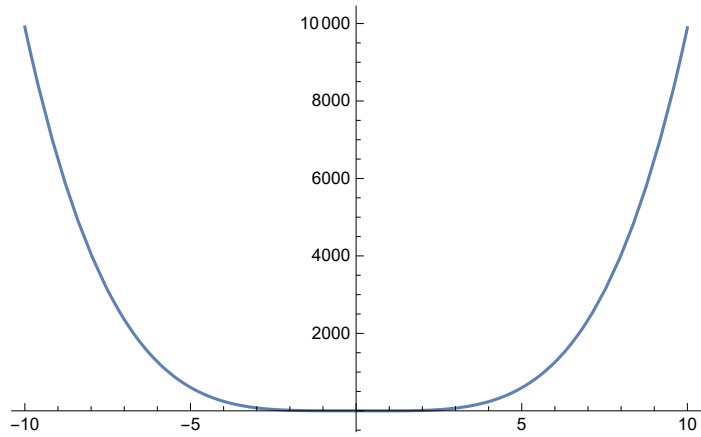
[tracé de courbes](#)

Plot[$(y = \frac{1}{4}V^2Y^4 - \frac{1}{2}VY^2 - Y + 1)$, {Y, 0, 2}]

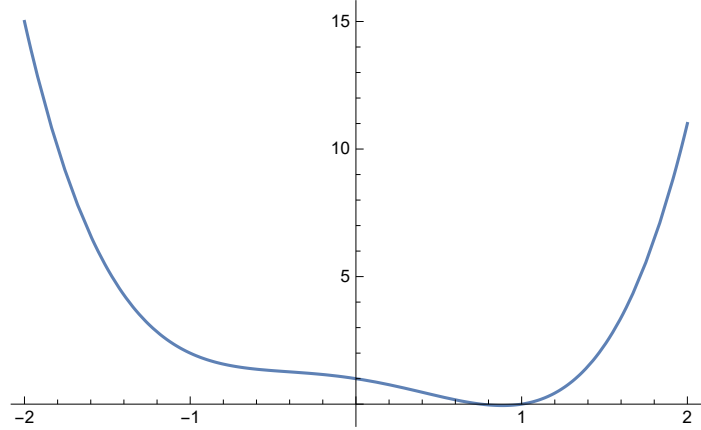
[tracé de courbes](#)

Out[13]= **2**

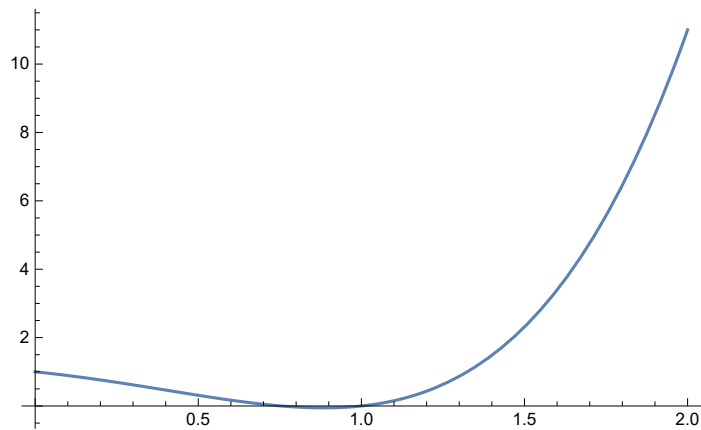
Out[14]=



Out[15]=



Out[16]=



In[21]:= $V = 1/2$

Plot[($y = 1/4 V^2 Y^4 - 1/2 V Y^2 - Y + 1$), {Y, -10, 10}]

[tracé de courbes](#)

Plot[($y = 1/4 V^2 Y^4 - 1/2 V Y^2 - Y + 1$), {Y, -2, 4}]

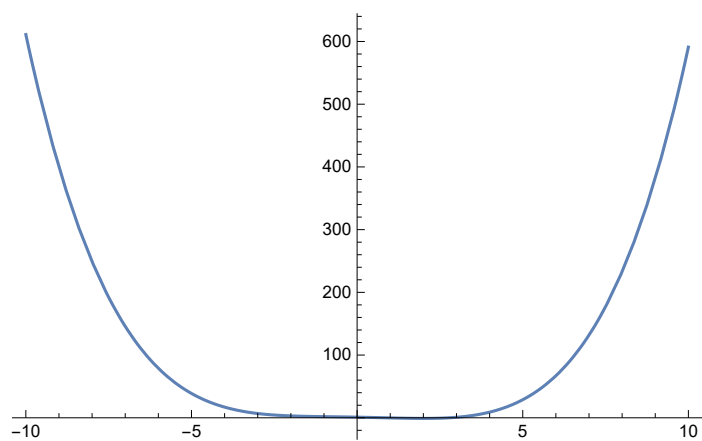
[tracé de courbes](#)

Plot[($y = 1/4 V^2 Y^4 - 1/2 V Y^2 - Y + 1$), {Y, 0, 4}]

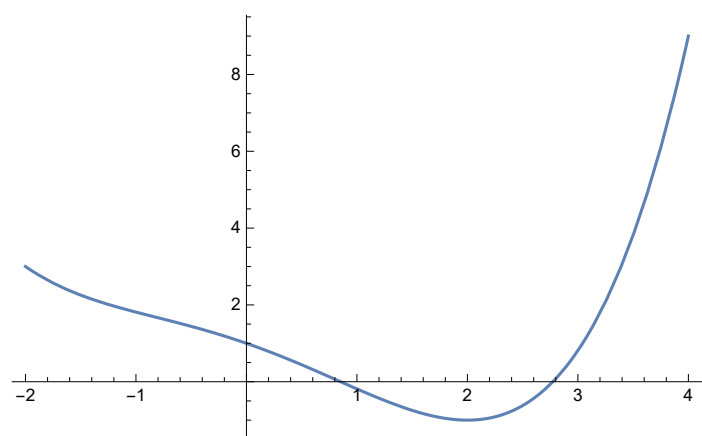
[tracé de courbes](#)

Out[21]= $\frac{1}{2}$

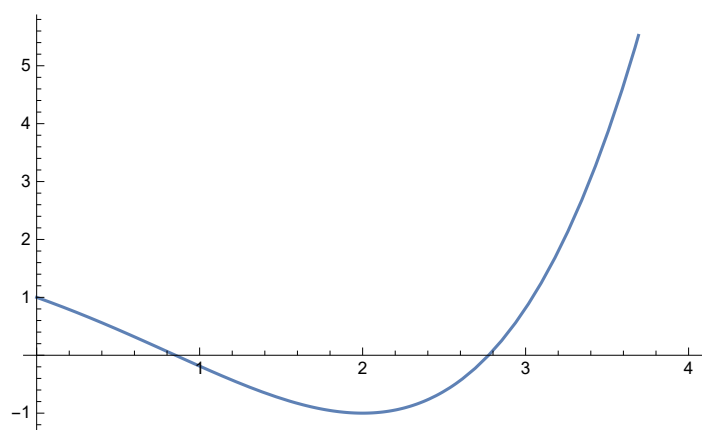
Out[22]=



Out[23]=



Out[24]=



In[25]:= $V = 0.0000001$

Plot[($y = \frac{1}{4} V^2 Y^4 - \frac{1}{2} V Y^2 - Y + 1$), {Y, -10, 10}]

[tracé de courbes](#)

Plot[($y = \frac{1}{4} V^2 Y^4 - \frac{1}{2} V Y^2 - Y + 1$), {Y, -2, 4}]

[tracé de courbes](#)

Plot[($y = \frac{1}{4} V^2 Y^4 - \frac{1}{2} V Y^2 - Y + 1$), {Y, 0, 4}]

[tracé de courbes](#)

Out[25]= $1. \times 10^{-7}$

