

```

In[672]:= b[n_] := If[Mod[n, 2] == 0, 2n-1, n2]
clear[b]
b[2]
b[3]
c[n_] := If[Mod[n, 2] == 0, n - 1, 2 n - 2]
d[n_] := If[Mod[n, 2] == 0, If[n == 2, 9, 9 * 3^((n - 2) / 2) - 1], 3^(n / 2 + 0.5)]
g[n_] := If[Mod[n, 2] == 0, If[n == 2, 0, n / 2, 1]]
clear[g]

eadj[n_] := 
$$\frac{b[n] \text{Log}[3] - c[n] \text{ProductLog}[d[n] 3^{g[n]/c[n]} \text{Log}[3]]}{c[n] \text{Log}[3]}$$


```

Out[673]= clear[b]

Out[674]= 2

Out[675]= 9

Out[679]= clear[g]

```
In[683]:= eadj[2]
```

Out[683]=
$$\frac{2 \text{Log}[3] - \text{ProductLog}[9 \text{Log}[3]]}{\text{Log}[3]}$$