$\left[>\# h^{h^{n}}+(h-1)^{h}=\right.$ prime by $H \cdot E$ :
for $h$ from 2 to 18 do for $e$ from 1 to 4 do if $\operatorname{isprime}\left(h^{h^{e}}+(h-1)^{h}\right)$ then print $\left([h]^{[h]^{e}}\right.$ $+[h-1]^{h}=$ GeneFerPRIME $\left.[H \cdot E[h]]\right)$ fi:od:od:

$$
\begin{aligned}
& {[2]^{[2]}+[1]^{2}=\text { GeneFerPRIME } E_{H \cdot E_{2}}} \\
& {[2]^{[2]^{2}}+[1]^{2}=\text { GeneFerPRIME } E_{H \cdot E_{2}}}
\end{aligned}
$$

$$
[2]^{[2]^{3}}+[1]^{2}=\text { GeneFerPRIME } E_{H \cdot E_{2}}
$$

$$
[2]^{[2]^{4}}+[1]^{2}=\text { GeneFerPRIME } E_{H} \cdot E_{2}
$$

$$
[4]^{[4]}+[3]^{4}=\text { GeneFerPRIME }{ }_{H \cdot E}
$$

$$
[4]^{[4]^{2}}+[3]^{4}=\text { GeneFerPRIME } E_{H \cdot E}
$$

$$
\begin{equation*}
[4]^{[4]^{3}}+[3]^{4}=\text { GeneFerPRIME } E_{H \cdot E_{4}} \tag{1}
\end{equation*}
$$

