

B122 - Redução:

$$e) \quad 3 \log (a-b) - 2 \log (a+b) + 4 \log b$$

$\frac{5}{5}$

$$\log (a-b)^3 - \log (a+b)^2 + \log b^4$$

$\frac{5}{5}$

$$\rightarrow \log \left[\frac{(a-b)^3}{(a+b)^2} \right] + \log b^4$$

$\frac{5}{5}$

$$\rightarrow \log \left[\frac{(a-b)^3}{(a+b)^2} \cdot b^4 \right]$$

$\frac{5}{5}$

$$\rightarrow \log \left[\frac{(a-b)^3 \cdot b^4}{(a+b)^2} \right]$$

$\frac{1}{5} \cdot$

$$\log \sqrt[5]{\frac{(a-b)^3 \cdot b^4}{(a+b)^2}}$$