

3) Efectúa:

$$a. E = 10^{(\log 2 + \log 5)} = 10^{\log (2 \cdot 5)} = 10^{\log 10} = 10$$

$$b. E = \log_2 64 + \log_3 9 - 2 \log_5 25 = \log_2 64 + \log_3 9 - 2 \log_5 25$$

$$E = \log_2 64 + \log_3 9 - 2 \cdot \log_5 25 = 6 + 2 - 4 = 4$$