

3) Efectúa:

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

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

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