

$$154 \quad A = \log(3^3) = \log(27)$$

$$B = \log(20^2) + \log(3) = \log(400) + \log(3) = \log(400 \times 3) = \log(1\,200)$$

$$C = \log(3) - (-\log(4)) = \log(3) + \log(4) = \log(3 \times 4) = \log(12)$$