

1 Given that $a > 0$, determine which of these expressions is **not** equivalent to the others.

Circle your answer.

[1 mark]

$$-2 \log_{10} \left(\frac{1}{a} \right)$$

$$2 \log_{10} (a)$$

$$\log_{10} (a^2)$$

$$-4 \log_{10} (\sqrt{a})$$