

SQA Past paper questions

2023 - Paper 1 - Question 7

- (a) Evaluate $\log_2 5 + \log_2 \frac{1}{40}$. 2
- (b) Given that $a \in \mathbb{R}$ and that $\log_8 a$ is negative, state the range of possible values of a . 1

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2022 - Paper 1 - Question 2

Evaluate $2 \log_3 6 - \log_3 4$. 3

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2018 - Paper 1 - Question 6

Find the value of $\log_5 250 - \frac{1}{3} \log_5 8$. 3

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2015 - Paper 1 - Question 6

Evaluate $\log_6 12 + \frac{1}{3} \log_6 27$. 3

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2003 - Paper 1 - Question 12

Simplify $3 \log_e(2e) - 2 \log_e(3e)$ expressing your answer in the form $A + \log_e B - \log_e C$ where A, B and C are whole numbers.

4

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2000 - Paper 1 - Question 9

Evaluate $\log_3 2 + \log_3 50 - \log_3 4$.

3

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