

Daily Question – Pure Mathematics - Day 4

Topic: Logarithms

Question

$$p = \log_a 16$$

$$q = \log_a 25$$

where a is a constant.

Find in terms of p and/or q ,

(a) $\log_a 256$

(1)

(b) $\log_a 100$

(2)

(c) $\log_a 80 \times \log_a 3.2$

(2)

(Total for question = 5 marks)