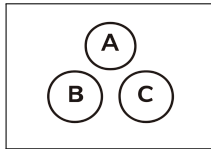
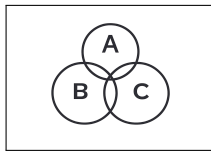


10 Logarithms Properties Properties

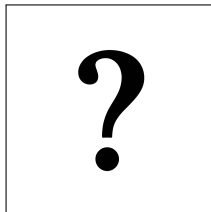
C



$$\log_2(8) = \log_2(2^3) = 3\log_2(2) = 3 \times 1 = 3$$



$$\log_b(x^r) = r \times \log_b(x)$$



$$\log_3(27) = ?$$

10 Logarithms Properties

C



$$\log_3(27) = \log_3(3^3) = 3\log_3(3) = 3 \times 1 = 3$$