

## Conditions

Write in Logarithmic Form:

$$125=5^3$$

- A. Log (base 125) 5 = 3
- B. Log (base 3) 125 = 5
- C. Log (base 5) 125 = 3

## Solution

The correct Logarithmic Form is C. Log (base 5) 125 = 3

$$\log_5 125 = \log_5 5^3 = 3 \log_5 5 = 3$$