

2373

$$a) \log_5 625 = 4$$

$$5^4 = 625$$

$$b) \log_2 128 = 7$$

$$2^7 = 128$$

$$c) \lg 1000 = 3$$

$$10^3 = 1000$$

$$d) \lg x = 5$$

$$10^5 = x$$

$$e) \ln 100 = x$$

$$e^x = 100$$

$$f) \ln a = b$$

$$e^b = a$$