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12	7	Let $a = e^x$. Which expression is equal to $\log_e(a^2)$? (A) e^{2x} (B) e^{x^2} (C) $2x$ (D) x^2	1
C $a = e^x$ $a^2 = (e^x)^2$ $= e^{2x}$ <p>Taking logs of both sides:</p> $\log_e(a^2) = \log_e(e^{2x})$ $= 2x \log_e e$ $= 2x$			State Mean: 0.58

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