

## Quiz 14

Quiz 1

True or False

(1)  $\exp(3) \times \exp(2) = \exp(6)$

(2)  $\exp(1s) = 3 \exp s$

(4)  $\exp(1s) = (\exp(s))^3$

(5)  $\exp(-s) = -(\exp s)$

(6)  $\exp(-s) = (\exp(s))^{(-1)}$

(7)  $\exp(-10) = \frac{1}{(\exp s)^2}$

(8)  $\frac{\exp(n^2+1)}{\exp(n(n+1))} = \exp(1-n)$

(9)  $\frac{4}{\exp(-2n)} = 4(\exp(n))^2$

(10)  $e^{-n}(e^n - 2) = 1 + 2e^{-n}$

(11)  $(e^n + 1)(2 - e^{-n}) = 2e^n - e^{-n} + 2$

(12)  $(e^n - 3)(e^n + 3) = e^n - 9$