

Solutions:

(1) > Sqrt(4)

> Error: could not find function "Sqrt"

Recall, R is case sensitive so it does not know you mean to use the sqrt function instead use

> sqrt(4)

> 2

(2) $\log(3 * 4/6) = \log(3) + \log(4) - \log(6)$

$\log(3 * 4/6) = \log(12/6) = \log(2)$

> log(3) + log(4) - log(6)

> 0.6931472

> log(2)

> 0.6931472

(3) $e^{2-(3+4)} = e^2 e^{-3} e^{-4}$

$e^{2-(3+4)} = e^{2-7} = e^{-5}$

> exp(2)*exp(-3)*exp(-4)

> 0.006737947

> exp(-5)

> 0.006737947