

Please PRINT your name _____

No calculators, cell phones, computers, notes, etc.

Circle your answer. Make your work correct, complete and coherent.

The quiz is worth 5 points. The solutions will be posted on my website later today.

Quiz 13, March 4, 2020

Let $f(t, \alpha) = \cos(2\pi t - \alpha)$. Find $\frac{\partial f}{\partial t}$ and $\frac{\partial f}{\partial \alpha}$.

ANSWER: One computes

$$\frac{\partial f}{\partial t} = -2\pi \sin(2\pi t - \alpha) \quad \text{and} \quad \frac{\partial f}{\partial \alpha} = \sin(2\pi t - \alpha).$$