Quiz 14 Key — MA16020 — March 9, 2018
Alden Bradford

Min	Mean	Max
1	4.9	10

1. (5 points) Compute $\frac{\partial^2}{\partial x \partial y} e^{xy}$.

   $(1 + xy)e^{xy}$

2. (5 points) A postage meter reads that a package weighs 14 pounds $\pm 5\%$.

   (a) What is the relative error?

   (b) What is the absolute error?

   (c) What are the smallest and largest possible weights for the package?

   (a) 5%

   (b) 0.7 pounds

   (c) Smallest is 13.3 pounds, largest is 14.7 pounds.