

**Quiz 16 Key — MA16020 — March 28, 2018**

Alden Bradford

Min	Mean	Max
2	7.6	10

1. Find the  $(x, y)$  coordinates of the maximum value of  $e^{xy}$  subject to the constraint  $x^3 + 8y^3 = 16$  using the method of Lagrange multipliers.

$(2, 1)$
----------