

## quiz 7, MTH 205, Fall 2014

Ayman Badawi

**QUESTION 1.** (i)  $y' + 4xy = 2x\sqrt{y}$

(ii)  $xy' + y = (3 + \ln(x))^3$

(iii)  $y' + y = 3\cos(3x) + \sin(3x)$

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