

# MATH 333 – Suggested Review Problems for the Final Exam – 12/17/07

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/m333.fa07/handouts333/t4-333\_C17/REVSTUFF/review\_suggestions\_4.tex

**1** This list is now in final form.

**2** Our final exam is

Monday  
12/17/07  
at 8:00 AM  
in our usual classroom.

**3** Eigenstuff:

(a) 4.4: 9, 15, 17, 25, 27

**4** Solving differential equations:

(a) 2.2: 3, 5, 7

(b) 2.2: 41 (Not very Laplaceable?)

(c) 3.3: 7, 13, 15

(d) 3.9: 7 and 4.8: 15

(e) 4.5: 1, 3, 9

(f) 4.6: 17

(g) 5.2: 43

**5** Laplace stuff:

(a) 5.2: 1-25 odds

(b) Line 15, page 341: get the signs right

(c) Line 13, page 341: 5.2: 5, 9, 11, 17, 21

(d) 5.2: 41 (keep  $e^{-s}$  out of your PFD work)

(e) 5.3: 1, 3

**6** Mixing:

(a) 2.3: 1, 7

(b) 4.1: 31

(c) 4.5: 14