

Math 189 – Recommended Practice Homework Problems

The following exercises are *not* to be handed in for marking. Instead, you are encouraged to work on these selected exercises as part of your studying for the course.

W – denotes sections from Washington, Basic Technical Mathematics with Calculus, 9th edition

S – denotes sections from Schaum’s Outline, Beginning Statistics

Section	Exercises
W 31.1	3 – 31 alt odd, 33 (be sure to try #19, but only attempt #27 if you want a challenge)
W 31.2	3 – 37 alt odd
W 31.3	3 – 23 alt odd (hint: for #17, multiply through by y first)
W 31.4	3 – 27 alt odd, 31, 33, 35
W 31.5	1, 3, 5 (this section is supplement 8 in the 8 th edition)
W 31.6	5, 7, 13, 17, 19, 21, 23, 37, 43, 45, 47
W 31.7	3 – 23 alt odd, 27, 29, 31, 33
W 31.8	5 – 39 alt odd (omit #29)
W 31.9	5 – 35 alt odd
W 31.10	3, 5, 7, 9, 11 (optional: also can try #25 if you want a nice Statics problem!)
S-1	
S-2	
S-3	
S-4	
S-5	
S-6	
S-7	
S-8	
S-13	

Notes:

- “alt odd” means do every second odd one (every alternate odd question). Or you could also take it to mean “do a bunch of the odd questions, but you don’t have to do every single one of them” if you like.
- The colour banding indicates the test cutoffs. For example, Test 1 will test Washington sections 31.1 to 31.8 inclusive. Test 2 will cover Washington sections 31.9, 31.10, and the first three chapters of statistics.