

**Math 172 – Recommended Practice Homework Problems**  
**from Dugopolski, Intermediate Algebra, 7<sup>th</sup> edition**

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.

Section	Exercises
1.1	1-81 alt odd, 87
1.2	1-107 alt odd
1.3	1-33 alt odd, 39-57 alt odd, 63-91 alt odd, 101-127 alt odd, 129, 131
1.4	1-43 alt odd, 51-75 alt odd, 79-99 alt odd
1.5	1-41 alt odd, Properties of Reals Worksheet
1.6	1-105 alt odd
2.1	1-89 alt odd
2.2	1-27 odd, 35-47 alt odd, 45-65 alt odd
2.3	1-49 alt odd, 53-59 alt odd, 65-81 alt odd, 87-95 alt odd
2.4	1-79 alt odd
2.5	1-75 alt odd
2.6	1-33 alt odd (equalities only)
3.1	1-51 alt odd, 61-75 alt odd
3.2	1-29 alt odd, 33-59 alt odd
3.3	1-95 alt odd
3.4	1-57 alt odd
4.1	1-101 alt odd
4.2	1-63 alt odd, 65, 67, 69
4.3	1-39 alt odd, 51, 55, 57, 59
5.1	1-93 alt odd
5.2	1-77 alt odd (75 and 77 shouldn't require a calculator)
5.3	1-69 alt odd, 75-91 alt odd
5.4	1-39 alt odd, 49, 53, 55-85 alt odd, 91-97 odd
5.5	1-89 alt odd
5.6	use any method to factor: 1-103 alt odd (and 109-167 alt odd for extra practice)
5.7	1-47 alt odd, 55-121 alt odd (and 125-209 alt odd for extra practice)
5.8	1-63 alt odd, 75-81 odd, 89-97 odd
6.1	1-85 alt odd
6.2	1-65 alt odd, 71-87 alt odd
6.3	1-61 alt odd, 79-93 alt odd
6.4	1-57 alt odd
6.5	1-11 alt odd, 21-81 alt odd (59-71 is optional)
6.6	1-67 alt odd
6.7	1-25 alt odd, 29-49 alt odd
7.1	1-103 alt odd
7.2	1-53 alt odd, 65-103 alt odd, 113-119 odd
7.3	1-105 alt odd
7.4	1-107 alt odd
7.5	1-99 alt odd
7.6	1-101 alt odd
8.1	1-93 alt odd
8.2	1-59 alt odd, 71-77 alt odd
8.3	1-77 alt odd, 83, 85

Notes:

- If you have a previous edition of the textbook instead, please check the website for the recommended problems for that edition.
- “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 quiz cutoffs. For example, Quiz 1 will test Sections 1.1 to 1.6 inclusive, while Quiz 2 will be on Sections 2.1 up to and including 2.6.