

Math 172 – Recommended Practice Homework Problems
from Dugopolski, Intermediate Algebra, 6th 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 | 7-87 alt odd, 93 |
| 1.2 | 7-103 alt odd |
| 1.3 | 7-39 alt odd, 45-63 alt odd, 69-97 alt odd, 103-133 alt odd, 135, 137 |
| 1.4 | 7-49 alt odd, 57-81 alt odd, 85-105 alt odd |
| 1.5 | 7-47 alt odd, properties of reals worksheet |
| 1.6 | 7-111 alt odd |
| 2.1 | 9-99 alt odd |
| 2.2 | 7-33 odd, 41-47 alt odd, 51-71 alt odd |
| 2.3 | 7-55 alt odd, 59-65 alt odd, 71-87 alt odd, 93-101 alt odd |
| 2.4 | 7-85 alt odd |
| 2.5 | 7-81 alt odd |
| 2.6 | 7-39 alt odd (equalities only) |
| 3.1 | 7-57 alt odd, 69-81 alt odd |
| 3.2 | 7-35 alt odd, 39-65 alt odd |
| 3.3 | 7-99 alt odd |
| 3.4 | 7-63 alt odd |
| 4.1 | 7-99 alt odd |
| 4.2 | 7-59 alt odd, 65, 67, 69 |
| 4.3 | 7-39 alt odd, 43, 47, 49, 51 |
| 5.1 | 7-99 alt odd |
| 5.2 | 7-83 alt odd (81 and 83 shouldn't require a calculator!) |
| 5.3 | 7-75 alt odd, 81-97 alt odd |
| 5.4 | 9-47 alt odd, 57, 61, 63-93 alt odd, 99-105 odd |
| 5.5 | 9-105 alt odd |
| 5.6 | use any method to factor: 5-111 alt odd (and 117-175 alt odd if you want extra practice) |
| 5.7 | 5-37 alt odd, 45-107 alt odd (and 111-195 alt odd if you want extra practice) |
| 5.8 | 7-69 alt odd, 79-85 odd, 93-101 odd |
| 6.1 | 7-91 alt odd |
| 6.2 | 5-67 alt odd, 75-91 alt odd |
| 6.3 | 7-67 alt odd, 85-99 alt odd |
| 6.4 | 3-59 alt odd |
| 6.5 | 7-17, alt odd, 27-87 alt odd (65-77 is optional) |
| 6.6 | 7-73 alt odd |
| 6.7 | 1-25 alt odd, 29-49 alt odd |
| 7.1 | 7-105 alt odd |
| 7.2 | 7-59 alt odd, 71-109 alt odd, 119-125 odd |
| 7.3 | 5-109 alt odd |
| 7.4 | 1-107 alt odd |
| 7.5 | 5-103 alt odd |
| 7.6 | 7-107 alt odd |
| 8.1 | 5-97 alt odd |
| 8.2 | 7-65 alt odd, 77-83 alt odd |
| 8.3 | 5-81 alt odd, 87, 89 |

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.