

Section I: Review



Module 1: Review

In order to be prepared to take MTH 95, you are expected to have appropriate prerequisite knowledge, but it is entirely reasonable if you have gotten a bit rusty since your last mathematics class. In order to make sure that you are ready for this class and to review the material from your previous class, you should practice and study the following problems from our textbook (*Intermediate Algebra: Graphs and Models*, "custom" ed. (or 3rd ed.), Bittinger, Ellenbogen and Johnson). The review problems have been divided into four major subjects.

In order to be successful in MTH 95, you should be comfortable with **all** of these review problems. If these problems give you trouble, you should seriously consider MTH 70 or MTH 60/65.

Properties of Exponents

§1.4: (pp. 45–46) #17, 21, 27, 33, 39, 41, 49, 59, 69, 73, 77

Linear Equations

§2.2: (pp. 127–129) #7, 9, 23, 25, 37, 45, 53, 63, 65

§2.3: (p. 144) #11, 17, 29, 31, 39, 41, 69, 79

§2.4: (p. 157) #37, 39, 43

Systems of Linear Equations

§3.1: (pp. 193–194) #9, 17, 19, 53, 55

§3.2: (p. 204) #7, 9, 11, 23, 25, 27, 47, 49

§3.3: (p. 218) #7, 9

Linear Inequalities

§4.1: (p. 279) #25, 33, 41, 53, 55

Polynomial Expressions

§5.2: (p. 365) #9, 13, 19, 23, 41, 45

§5.3: (p. 378) #9, 13, 45, 47, 51

§5.4: (p. 390) #9, 11, 17, 23, 31

§5.5: (p. 399) #9, 23, 27

§5.6: (p. 408) #11, 35, 37
