

## Math 415 Homework

- *Week 1 Homework*  
Section 1.2. 7, 8, 11, 12(a)(b), 14, 15, 19, 20  
Section 1.3. 1(f), 2(b), 3(e)(f)
- *Week 2 Homework*  
Section 1.3. 22(f)(g), 29  
Section 1.4. 12, 13  
Section 1.5. 2, 13, 14, 16, 17
- *Week 3 Homework*  
Section 1.6. 3, 9, 20, 21, 23, 25(d)  
Section 1.9. 1(g), 4, 7, 8, 15  
Section 2.1. 2, 12, 13(a)(b)  
Section 2.2. 2
- *Week 4 Homework*  
Section 2.2. 8, 10, 20, 22(a)(b)  
Section 2.3. 2, 5(a)(b), 21(f)(h), 23(a)  
Section 2.4. 2(b)(c), 4
- *Week 5 Homework*  
Section 2.4. 3(c), 8(a)(b), 10, 15, 21  
Section 2.5. 3, 4, 5(f), 21(c), 23, 30(a), 38, 42
- *Week 6 Homework*  
Section 2.6. 1(c)(d), 3(c)(d)(e)(f)
- *Week 7 Homework*  
Section 3.1. 3, 4(a), 8, 11(a), 20(a), 23  
Section 3.2. 2(a), 5, 6, 7, 15(a), 16, 36(a)(b), 39
- *Week 8 Homework*  
Section 3.4. 1(a)(d), 7, 22(a)(vi)(viii)  
Section 3.5. 1(d)(f), 2(g), 3(a)(b)(c), 4, 10(a)  
Section 4.2. 3(b)(d), 4
- *Week 9 Homework*  
Section 4.3. 1, 3, 5, 7, 14(e), 15(e)  
Section 5.1. 2(c), 4, 22
- *Week 10 Homework*  
Section 5.2. 4(b)(c), 5, 6(b)(d)  
Section 5.3. 2(a), 8, 9  
Section 5.5. 1(b), 2(c), 3, 4, 10, 13
- *Week 11 Homework*  
Section 5.6. 2(a)(c), 4(b)(e), 10, 20(a)(c)

· *Week 12 Homework*

Section 7.1. 3(a)(b), 5(a)(c), 6, 7, 10, 27(b), 30(a)

Section 7.2. 2(a)(d), 4, 12(c)

· *Week 13 Homework*

Section 7.2. 24(d)

Section 8.1. 1(a)(c)

Section 8.2. 7(a), 14, 17, 19

Section 8.3. 1(d)(f), 2(c)(g)

· *Week 14 Homework*

Section 8.3. 15(d)(e)(g), 21(a)(b)

Section 8.4. 1(b)(d), 2(c), 14(b)(c), 17(a)(c), 34, 35

**The students do not need to turn in the week 14 homework, since the final exam will be on Friday, Dec 12.**