

Math Analysis Precalculus Chapter 4

Trigonometric Functions

A p219 QC#1-13all

4-1 Right Triangle Trigonometry

1 p227-230 #2-54even,102-105all (31 prob)

4-2 Degrees and Radians

2 p238-241 #2-50even,97-100all (29 prob)

Quiz 1 (Lessons 4-1 and 4-2)

4-3 Trigonometric Functions on the Unit Circle

3 p251 #2-58even (29 prob)

4-4 Graphing Sine and Cosine Functions

4 p264-266 #2-22even,41,42,46-66even (24 prob)
Use grid paper for 2,4,6,8,14,16,18

Quiz 2 (Lessons 4-3 and 4-4)

4A p268 Mid-Chapter Quiz (Lessons 4-1 through 4-4) #1-25all
Use grid paper for 21,22

4-5 Graphing Other Trigonometric Functions

5 p277-279 #2-28even,60,64-78even (23 prob)
Use grid paper for 2-16e,64/Use calc & good sketch for 18-26e

4-6 Inverse Trigonometric Functions

6 p288-290 #2-48even,84-87all (28 prob)
Use grid paper for 18-26even

Quiz 3 (Lessons 4-5 and 4-6)

4-7 The Law of Sines and the Law of Cosines

7 p298-301 #2-50even,87,88 (27 prob)

Quiz 4 (Lesson 4-7)

Chapter Assessment

8A p302-306 Study Guide and Review #13-45odd,49,50,52-66even
p227 #9-12all
p277 #17-19all

8B p307 Chapter 4 Practice Test #1-25all
Use grid paper for 14,15,17,18

8C p308-309 Chapter 4 Connect to AP Calculus#1-10all

Chapter 4 Test