

Math 1312
Homework 6

Enter your answers in the EMCF titled “Homework 6” at casa.uh.edu before the due date/time. If a problem comes from the exercises in the textbook then Problem 1.2.6 refers to Chapter 1, Section 2, problem number 6 etc.

1. Problem 2.5.2
 - A. Increase
 - B. Decrease
 - C. None of the above

2. Problem 2.5.4
 - A. 108°
 - B. 118°
 - C. 120°
 - D. 60°
 - E. None of the above

3. Problem 2.5.6 b)
 - A. 40
 - B. 48
 - C. 32
 - D. 18
 - E. None of the above

4. Problem 2.5.10 a)
 - A. 60°
 - B. 144°
 - C. 120°
 - D. 36°
 - E. None of the above

5. Problem 2.5.12 a)
 - A. 60°
 - B. 144°
 - C. 120°
 - D. 36°
 - E. None of the above

6. Problem 2.5.14 b)
 - A. 10
 - B. 12
 - C. 13
 - D. 15
 - E. None of the above

7. Problem 2.5.16 b)
A. 30
B. 28
C. 32
D. 26
E. None of the above
8. Problem 2.5.18 a)
A. 6
B. 8
C. 10
D. 12
E. None of the above
9. Problem 2.5.42 a)
A. Yes, possible
B. No, not possible
10. Problem 2.5.42 b)
A. Yes, possible
B. No, not possible
11. Problem 2.6.2
A. K, S, V
B. I, K, V
C. I, V, Z
D. K, V
E. None of the above
12. Problem 2.6.4
A. I, S, Z
B. S, Z
C. I, S
D. I only
E. None of the above
13. Problem 2.6. 10
A. WOW, MAM, EVE
B. WOW, EVE
C. WOW, MAM
D. WOW, BUB, EVE
E. None of the above

14. Problem 2.6.16 a) and b)

- A. a) Yes, b) Yes
- B. a) Yes, b) No
- C. a) No, b) Yes
- D. a) No, b) No

15. Problem 2.6.28 b)

- A. Line
- B. Point
- C. Line and point