

Math 1312
Homework 13

Enter your answers in the EMCF titled "Homework 13" 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 6.1.2
 - A. 46°
 - B. 23°
 - C. 92°
 - D. 60°
 - E. None of the above

2. Problem 6.1.4
 - A. 28.2°
 - B. 56.4°
 - C. 112.8°
 - D. 133.6°
 - E. None of the above

3. Problem 6.1.8
 - A. 156°
 - B. 312°
 - C. 24°
 - D. 48°
 - E. None of the above

4. Problem 6.1.10 a)
 - A. 30°
 - B. 60°
 - C. 75°
 - D. 90°
 - E. None of the above

5. Problem 6.1.12 d)
 - A. 38°
 - B. 76°
 - C. 82°
 - D. 152°
 - E. None of the above

6. Problem 6.2.2 b)
- A. 30°
 - B. 40°
 - C. 55°
 - D. 70°
 - E. None of the above
7. Problem 6.2.2 c)
- A. 30°
 - B. 40°
 - C. 55°
 - D. 70°
 - E. None of the above
8. Problem 6.2.2 d)
- A. 30°
 - B. 40°
 - C. 55°
 - D. 70°
 - E. None of the above
9. Problem 6.2.8 a)
- A. 54°
 - B. 63°
 - C. 117°
 - D. 126°
 - E. None of the above
10. Problem 6.2.14
- A. 48°
 - B. 96°
 - C. 24°
 - D. 70°
 - E. None of the above
11. Problem 6.3.8
- A. $3\frac{1}{3}$
 - B. 19.2
 - C. 7.5
 - D. 7
 - E. None of the above

12. Problem 6.3.10 Find DE only

- A. 5
- B. 7
- C. 5 or 7
- D. $2\frac{11}{12}$
- E. None of the above

13. Problem 6.3.18

- A. $5\frac{1}{7}$
- B. 28
- C. 7
- D. 9
- E. None of the above

14. Problem 6.3.20

- A. 5
- B. 6
- C. $9\frac{5}{6}$
- D. $9\frac{1}{6}$
- E. None of the above

15. Problem 6.3.22

- A. 20
- B. $2\sqrt{10}$
- C. $4\sqrt{10}$
- D. $2\sqrt{6}$
- E. None of the above