

Math 1300
Homework 6
Section 1.8

The homework problems come from the exercises in Chapter 1 of the online text.
Problem 1.8.2 refers to Chapter 1, Section 8, problem number 2.

1. 1.8.2

- a. 5
- b. -5
- c. ± 5
- d. No solution
- e. None of the above

2. 1.8.4

- a. ± 10
- b. -10
- c. No solution
- d. 10
- e. None of the above

3. 1.8.6

- a. 30
- b. ± 30
- c. 10
- d. ± 10
- e. None of the above

4. 1.8.8

- a. 9
- b. -5
- c. -9, -5
- d. 5, 9
- e. None of the above

5. 1.8.12

- a. $-\frac{7}{5}, -\frac{1}{5}$
- b. $-\frac{1}{5}$
- c. $\frac{7}{5}$
- d. $\frac{1}{5}, \frac{7}{5}$
- e. None of the above

6. 1.8.16

a. $-\frac{7}{3}, 1$

b. $-\frac{7}{3}, -1$

c. $\frac{7}{3}, -1$

d. $\frac{7}{3}, 1$

e. None of the above

7. 1.8.10

a. -5

b. -5, 9

c. ± 9

d. -9, 5

e. None of the above

8. 1.8.14

a. $\pm \frac{1}{5}$

b. $\frac{1}{5}$

c. $-\frac{1}{5}$

d. No solution

e. None of the above

9. 1.8.18

a. No solution

b. $-\frac{4}{5}, \frac{8}{5}$

c. $-\frac{4}{5}$

d. $\frac{8}{5}$

e. None of the above

10. 1.8.20

a. No solution

b. $\frac{1}{9}, \frac{1}{3}$

c. $-\frac{1}{9}, \frac{1}{3}$

d. $-\frac{1}{3}, \frac{1}{9}$

e. None of the above