

Math 1300
Homework 4
Section 1.6

The homework problems come from the exercises in Chapter 1 of the online text.
Problem 1.6.2 refers to Chapter 1, Section 6, problem number 2.

1. 1.6.2

- a. 1
- b. -1
- c. -17
- d. 17
- e. None of the above

2. 1.6.4

- a. -10
- b. -6
- c. 6
- d. 10
- e. None of the above

3. 1.6.8

- a. 3
- b. $\frac{13}{4}$
- c. 18
- d. 34
- e. None of the above

4. 1.6.18

- a. $\frac{10}{3}$
- b. 7
- c. 30
- d. 13
- e. None of the above

5. 1.6.22

- a. 32
- b. 9
- c. 16
- d. $\frac{9}{2}$
- e. None of the above

6. 1.6.10

- a. $\frac{17}{5}$
- b. 1
- c. -1
- d. 85
- e. None of the above

7. Solve for u.

$$\frac{2}{3}u - \frac{3}{2} = \frac{7}{4}$$

- a. $-\frac{39}{4}$
- b. $\frac{3}{8}$
- c. $\frac{1}{6}$
- d. $\frac{39}{8}$
- e. None of the above

8. 1.6.12

- a. $\frac{-8}{9}$
- b. -1
- c. -4
- d. -8
- e. None of the above

9. 1.6.14

- a. 1
- b. $\frac{-1}{6}$
- c. -2
- d. -6
- e. None of the above

10. Solve for c.

$$\frac{5}{49}(c-7) = \frac{1}{7}c + 1$$

- a. $\frac{8}{5}$
 - b. $\frac{7}{6}$
 - c. -7
 - d. -42
 - e. None of the above
- .