

**Math 1300**  
**Homework 3**  
**Section 1.5**

The homework problems come from the exercises in Chapter 1 of the online text.  
Problem 1.5.4a refers to Chapter 1, Section 5, problem number 4, part a.

1. 1.5.4a
  - a. -32
  - b. -28
  - c. 11
  - d. -11
  - e. None of the above
  
2. 1.5.4b
  - a. -11
  - b. -32
  - c. 11
  - d. 28
  - e. None of the above
  
3. 1.5.10d
  - a.  $\frac{7}{6}$
  - b.  $\frac{5}{3}$
  - c.  $\frac{1}{3}$
  - d.  $\frac{1}{4}$
  - e. None of the above
  
4. 1.5.12a
  - a. 25
  - b. 1
  - c. -11
  - d. -25
  - e. None of the above
  
5. 1.5.16a
  - a. 2
  - b. 16
  - c. 1
  - d. 9
  - e. None of the above

6. 1.5.14c

- a. -48
- b. 12
- c. 3
- d. -4
- e. None of the above

7. 1.5.24

- a. 15
- b.  $\frac{-3}{5}$
- c.  $\frac{-20}{3}$
- d. -15
- e. None of the above

8. 1.5.26

- a. 1
- b. 16
- c.  $\frac{-8}{13}$
- d.  $\frac{-4}{5}$
- e. None of the above

9. 1.5.36

- a. 1
- b. 7
- c. -43
- d. -51
- e. None of the above

10. 1.5.44

- a.  $\frac{7}{4}$
- b. -2
- c. 1
- d.  $\frac{1}{2}$
- e. None of the above