

Math 1300
Homework 9
Section 2.3

1. 2.3.2
- a. Positive
 - b. Negative
 - c. Zero
 - d. Undefined
 - e. None of the above

2. 2.3.4
- a. Positive
 - b. Negative
 - c. Zero
 - d. Undefined
 - e. None of the above

3. 2.3.16
- a. Undefined
 - b. 8
 - c. $-\frac{1}{8}$
 - d. 0
 - e. None of the above

4. 2.3.18
- a. -1
 - b. 0
 - c. $-\frac{3}{4}$
 - d. Undefined
 - e. None of the above

5. 2.3.22
- a. $-\frac{7}{34}$
 - b. 0
 - c. $\frac{1}{2}$
 - d. $-\frac{7}{17}$
 - e. None of the above

6. 2.3.34a
- a. -5
 - b. -4
 - c. 5
 - d. no x-intercept
 - e. None of the above

7. 2.3.34d
- a. (-4, 0)
 - b. (-5, 0)
 - c. (0, 5)
 - d. no y-intercept
 - e. None of the above

8. 2.3.34e
- a. $\frac{5}{4}$
 - b. $-\frac{4}{5}$
 - c. $\frac{4}{5}$
 - d. $-\frac{5}{4}$
 - e. None of the above

9. 2.3.36b Find the x-intercept only.
- a. (-2, 6)
 - b. (0, 6)
 - c. (-2, 0)
 - d. (6, -2)
 - e. None of the above

10. 2.3.44b Find the y-intercept only.

- a. $\left(-\frac{9}{4}, -\frac{3}{2}\right)$
- b. $\left(-\frac{9}{4}, 0\right)$
- c. $\left(-\frac{3}{2}, -\frac{9}{4}\right)$
- d. $\left(0, -\frac{3}{2}\right)$
- e. None of the above