

**Math 1300**  
**Homework 13**  
**Section 2.7**

1. 2.7.2
  - a. Yes, it represents a function.
  - b. No, it does not represent a function
  
2. 2.7.4
  - a. Yes, it represents a function.
  - b. No, it does not represent a function
  
3. 2.7.6
  - a. Yes, it represents a function.
  - b. No, it does not represent a function
  
4. 2.7.8
  - a. Yes, it represents a function.
  - b. No, it does not represent a function
  
5. 2.7.12b
  - a. Yes, it represents a function.
  - b. No, it does not represent a function
  
6. 2.7.18a
  - a.  $[-3, 6]$
  - b.  $[-2, 7]$
  - c.  $[-3, 6)$
  - d.  $[-2, 1) \cup (1, 7]$
  - e. None of the above
  
7. 2.7.18b
  - a.  $[-3, 6]$
  - b.  $[-2, 7]$
  - c.  $[-3, 6)$
  - d.  $[-2, 1) \cup (1, 7]$
  - e. None of the above
  
8. 2.7.18c Find  $g(-2)$ .
  - a. 4
  - b. -2
  - c. 0
  - d. 2
  - e. None of the above

9. 2.7.18c Find  $g(1)$ .

a. 3

b. 1

c. 4

d. 0

e. None of the above

10. 2.7.18d

a. 0

b. -3

c. 2

d. 4

e. None of the above