

Fall 2016

Ch. 2 Review

Name \_\_\_\_\_

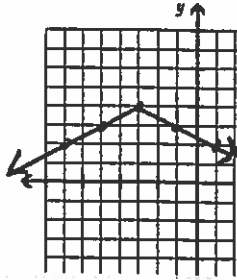
Date \_\_\_\_\_

Block \_\_\_\_\_

Find the domain and range. Is it a Function?

- ①  $\{(5,0), (8,1), (1,3), (5,2), (3,8)\}$  D:  
yes or no? R:

②



- D:  
R:  
yes or no?  
equation?

Suppose  $f(x) = 2x - 5$ ,  $g(x) = |-3x - 1|$

③ Find  $g(2)$

④ Find  $f(-7)$

⑤ p. 75 # 28

⑥ p. 75 # 31

⑦ p. 75 # 44

⑧ p. 75 # 45

⑨ p. 112 # 26

⑩ p. 112 # 12

⑪ p. 112 # 13

⑫ p. 112 # 14

Graph the following. Solve 1st, if Necessary

⑬  $y = \frac{2}{3}x + 1$

⑭  $y = x$

⑮  $x - y > 3$

⑯  $y = -2|x| + 1$

⑰  $y = |x + 4| - 5$

⑱  $y \geq \frac{2}{3}|x|$

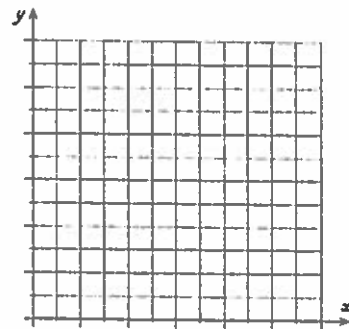
①⑨ p. 68 # 31

②⑩ p. 68 # 38

②⑪ p. 68 # 41

②⑫ p. 83 # 22

- ②⑬ p. 111 # 27
- make scatter plot
  - draw trend line if appropriate
  - Find linear equation using your graphing calculator



②⑭ Find the vertex.  
 $y = |-4x - 3| + 2$