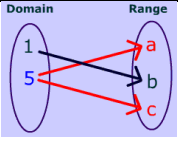
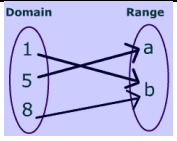
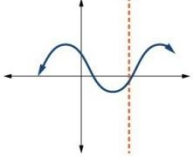
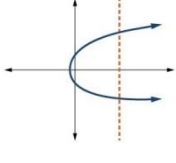
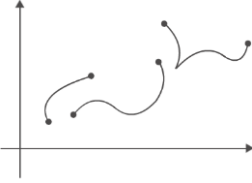
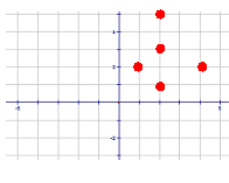


Unit 2A Part 1 Review

For #'s 1-10, 4 represent a function and 6 do not. Determine which representation is a function and which is not.

1. <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>X</td><td>-3</td><td>0</td><td>3</td><td>8</td><td>-10</td></tr> <tr><td>Y</td><td>6</td><td>8</td><td>20</td><td>4</td><td>8</td></tr> </table>	X	-3	0	3	8	-10	Y	6	8	20	4	8	2. <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>X</td><td>-2</td><td>0</td><td>-2</td><td>7</td><td>-8</td></tr> <tr><td>Y</td><td>6</td><td>8</td><td>20</td><td>4</td><td>8</td></tr> </table>	X	-2	0	-2	7	-8	Y	6	8	20	4	8
X	-3	0	3	8	-10																				
Y	6	8	20	4	8																				
X	-2	0	-2	7	-8																				
Y	6	8	20	4	8																				
3. 	4. 																								
5. $\{(-2,1), (-2,3), (0,-3), (1,4), (3,1)\}$	6. $\{(-1,0), (0,-3), (2,-3), (3,0), (4,5)\}$																								
7. 	8. 																								
9. 	10. 																								

Use the following to do numbers 11-16.

Given: $f(x) = 4x - 3$; $g(x) = |x - 4|$; $h(x) = x^2 + 2$

Evaluate

11. $g(2) =$ 12. $h(5) =$ 13. $f(-4) =$ 14. $f(1) + g(1) =$
15. $h(3) - f(2) =$ 16. If $f(x) = -23$, find the value for x

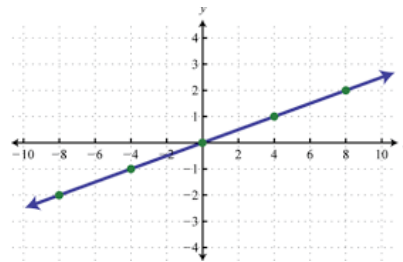
Use the following to do numbers 17-22.

$f(x)$

x	y
-2	-6
-3	-5
0	1
3	7
7	15
8	18

17. $f(-2) =$
 18. $g(4) =$
 19. $f(0) =$
 20. $g(0) =$
 21. If $f(x) = 7$; $x =$
 22. If $g(x) = 2$; $x =$

$g(x)$



Refer to the table below of $f(x)$ to answer questions 23-26.

Hours studying	Test points
3	27
6	54
9	87
1	8
7	66
10	100
4	33

23. What is $f(6)$?
 24. What does $f(9) = 87$ mean in the context of the problem?
 25. If $f(x) = 66$, what is the value of x ?
 26. What is one conclusion that can be made referring to this table?