Answers:

1. 4
2. 1. Y is a function of x
	2. Y is a function of x, and x is a function of y
	3. Y is a function of x
	4. Y is a function of x, and x is a function of y
3. 1. -1
	2. -2
	3. 1
	4. ; Domain
4. Graphs
	1. x2
	2. |x|
	3. ax
	4. c
	5. loga(x)
	6. x
5. 1. False. Decreases if x<0
	2. True
	3. False. Minimum is zero
	4. False. It has a horizontal asymptote
	5. True
	6. True
6. Graphs may vary (will cover in class)
7. 1. 15h – 2h2
	2. 3 – 4x – 2h
8. 1. c, x, x2, x3, |x|, ex, ax
	2. x, x3, , ex, ax (a > 1), (a > 1),
	3. None
	4. x2, |x|
	5. x2, |x|,
	6. x, x3,
	7. ,
	8. ex, ax, ,
9. 1. Domain:
	2. (1.3, 0), (-1.3, 0)
	3. (0, -2.5)
	4. Vertical: x = -2 Oblique: y = 3x – 6
10. or
11.  Phase Shift:
12. 108

