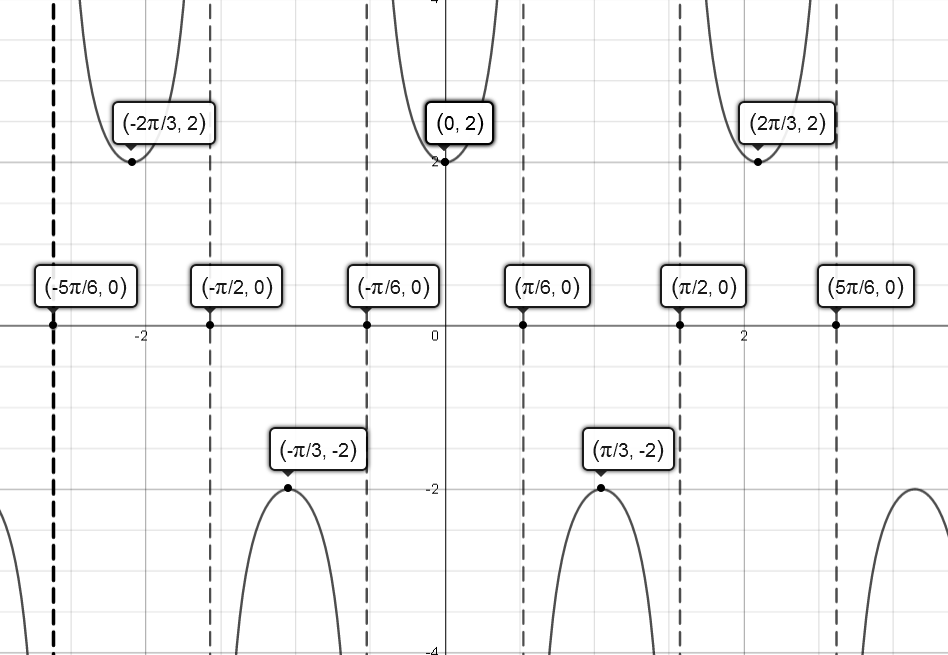
Answers:

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

