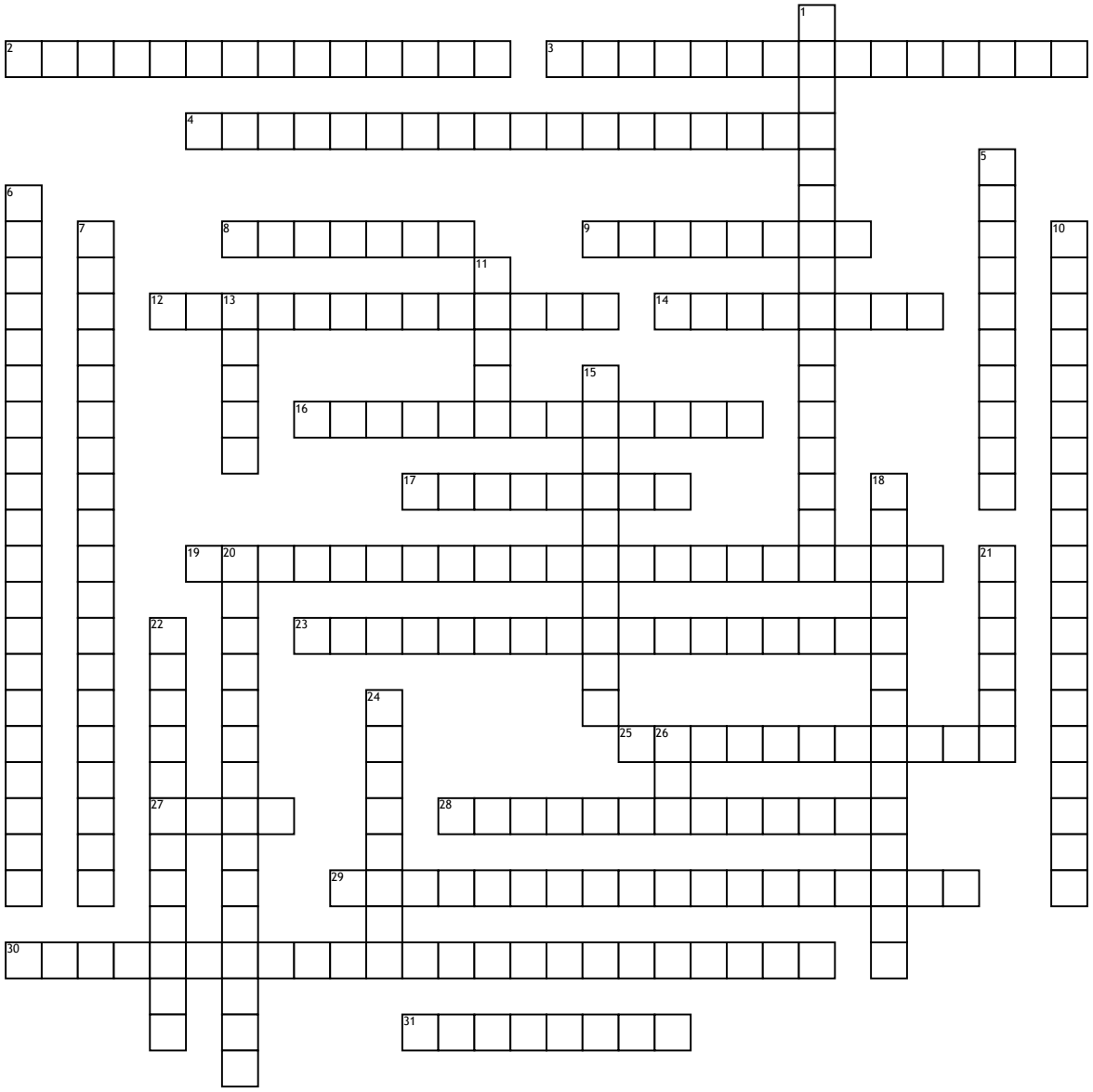
Name: _____ Date: _____

Chapter One



Across

2. Y - Y1 = M(X - X1)
3. X1 < X < X2, F(A) is less than or equal to F(X)
4. [F(x+h) - f(x)]/h, h cannot equal zero.
8. F(G(x)) = x and G(F(x)) = x
9. M = undefined
12. V-Shaped, y = |x|
14. Slopes are equal
16. The domain of f(x) isn't given, then the set of values of the independent variable for which the expression is defined is called...
17. Relationship between the independent and dependent variables
19. The sum, difference, product, and quotient of f and g
23. Y
25. F with G is F(G(x))
27. Graph is symmetrical with the y axis.
28. Slopes are negative reciprocals of each other
29. Graphical test for inverse functions
30. Causes distortions
31. F(a) = F(b)

Down

1. Used to determine if the graph is a function.
5. A change in the shape of the original graph
6. Horizontal shifts, vertical shifts, and reflections
7. X
10. Prediction method to estimate a point on a line when the point does not lie between the given points
11. Element Y in a set of outputs
13. Change in y to the change in x
15. M = 0
18. Y = MX + B
20. X1 < X < X2, F(A) is greater than or equal to F(X)
21. Element X from a set of inputs
22. Collection of (x,y), that is in the domain of F.
24. U-Shaped, y = x^2
26. F(x) = -F(x)