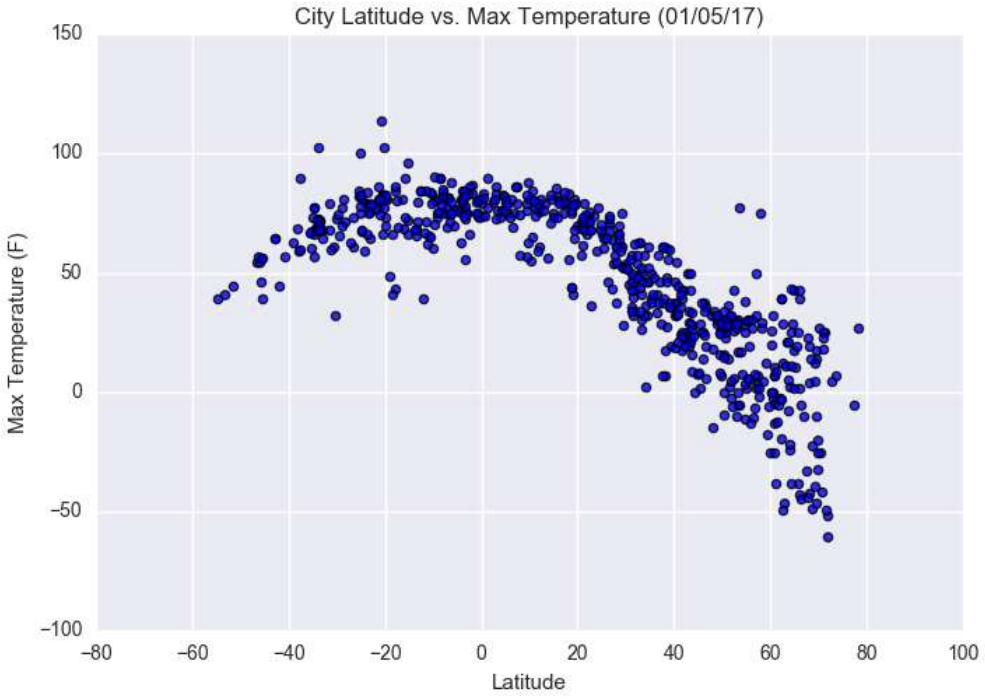
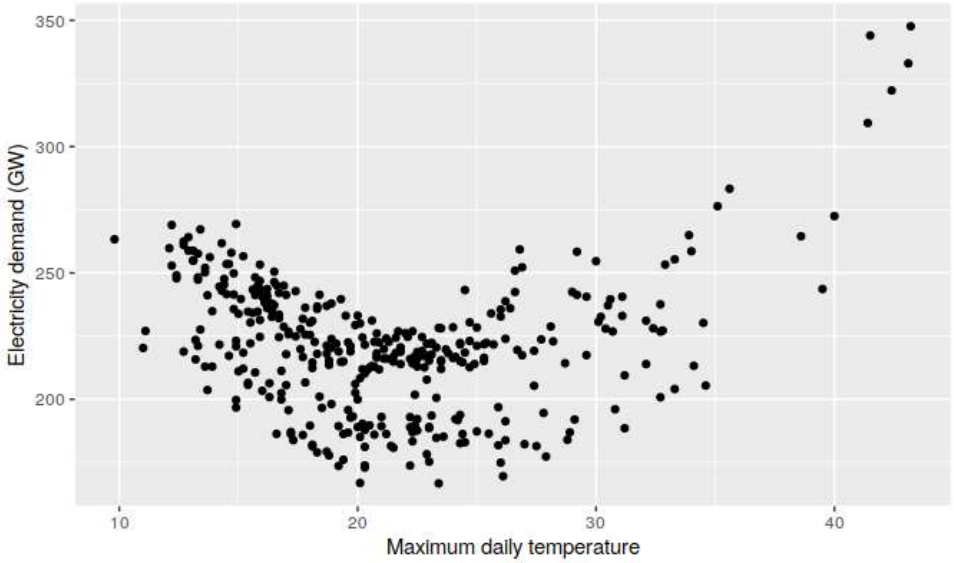
Name: _____ Date: _____





A quadratic relationship is

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-
-

There are 3 forms that we will see in this chapter:

1.

2.

3.

Each form has its own advantages when it comes to graphing, so it is helpful to be able to move between forms.

Example Convert to Standard Form $y = ax^2 + bx + c$

a. $y = 14x + x^2 - 5$ b. $y = (x - 4)(2x + 1)$ c. $y = 3x(x - 6) + 11$

Example Convert to Factored Form

d. $y = x^2 + 6x + 8$ e. $y = x^2 - 7x + 10$ f. $y = 2x^2 + x - 6$