

Exercise 70

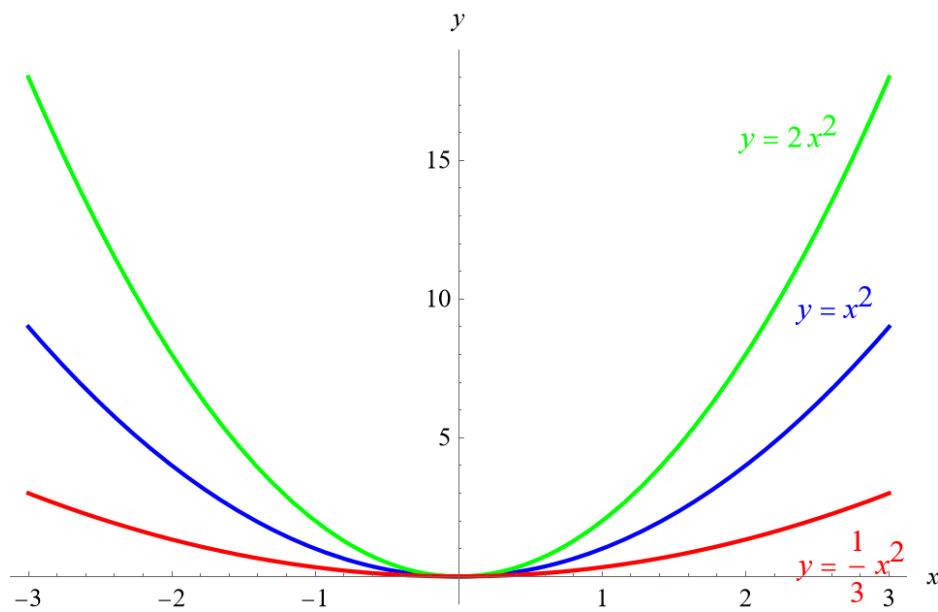
For the following exercises, use a calculator to find the answer.

Graph on the same set of axes the functions

$$f(x) = x^2, f(x) = 2x^2, \text{ and } f(x) = \frac{1}{3}x^2.$$

What appears to be the effect of changing the coefficient?

Solution



The higher the coefficient is, the narrower the parabola becomes.