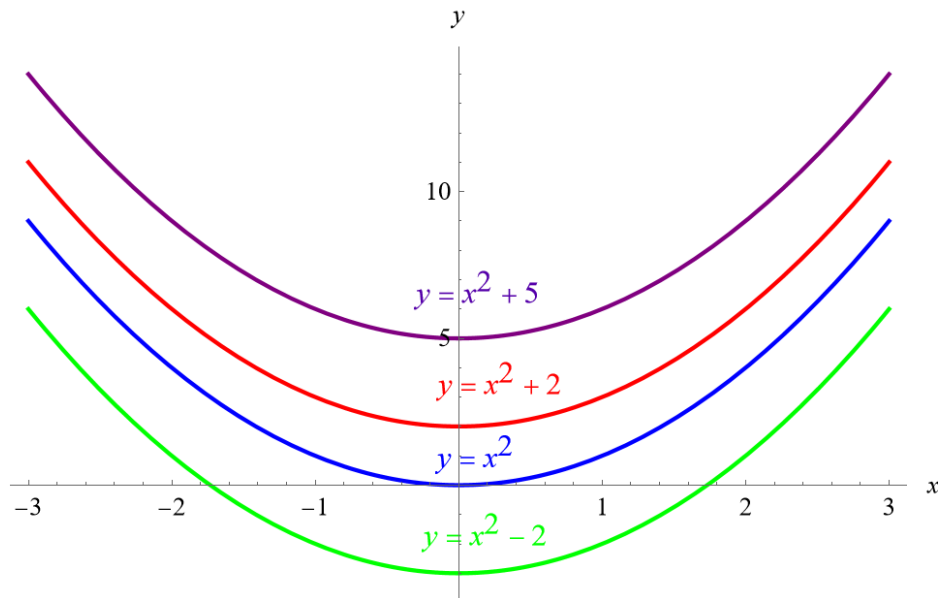


Exercise 71

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

Graph on the same set of axes $f(x) = x^2$, $f(x) = x^2 + 2$ and $f(x) = x^2 + 5$ and $f(x) = x^2 - 3$. What appears to be the effect of adding a constant?

Solution



The higher the added constant is, the higher the parabola gets shifted up.