

Number:

Textbook Section:

Title:

1. Find upper and lower bounds on zeros of $f(x) = 6x^3 - 11x^2 - 46x - 24$. In other words, find an interval that contains all the real solutions of $6x^3 - 11x^2 - 46x - 24 = 0$.

2. Find a number M so that the solutions of $6x^3 - 11x^2 - 46x - 24 = 0$ are contained in the interval $[-M, M]$. (In this case, M is simply called a bound on zeros.)