

- 77** (a) Graph f in $[-10, 15, 1]$ by $[-70, 70, 10]$. It has three zeros of approximately -6.01 , 2.15 , and 11.7 . The approximate complete factored form is $-0.184(x + 6.01)(x - 2.15)(x - 11.7)$.
- (b) The zeros represent the months when the average temperature is 0°F . The zero of -6.01 has no significance since it does not correspond to a month. The zeros of 2.15 and 11.7 mean that in approximately February and December the average temperature in Trout Lake is 0°F .