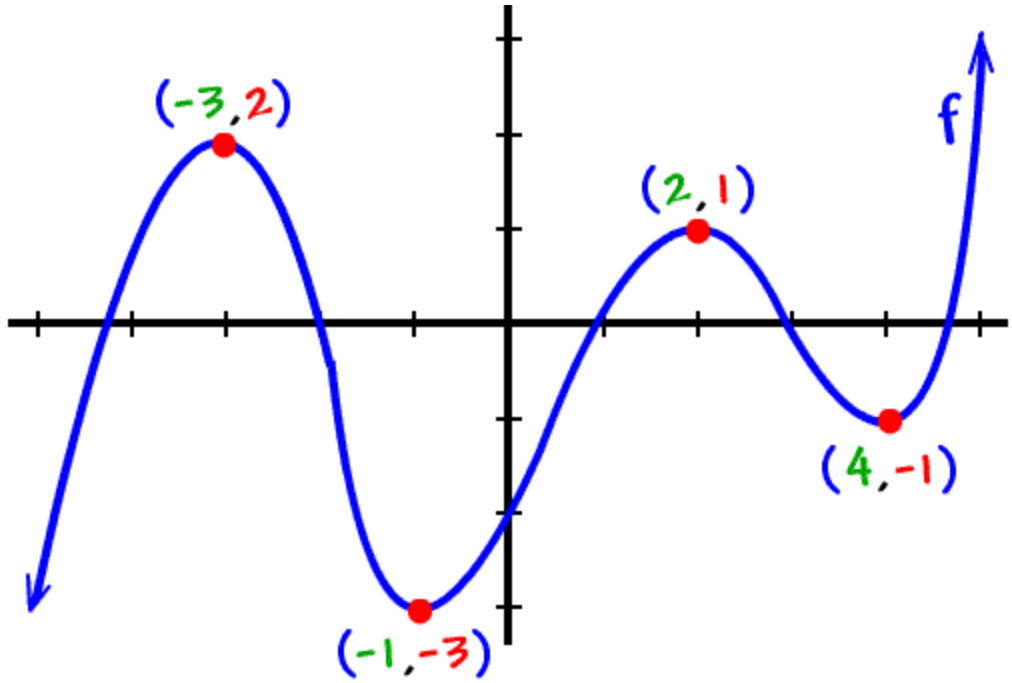
KC 1 Extra Review Problems



What are the local max/min values?

On which intervals is the function increasing/decreasing?

KC 1 Extra Review Problems

$$f(x) = \frac{x+2}{x^3 - 3x^2 - 10x}$$

Is $f(x)$ continuous?

At what *x*-values do the discontinuities occur?

Which discontinuities are removable? Non-removable?

Motodimos makes a certain cell phone for $80. The cost for overhead for production is $150,000. Motodimos cells the phone for $150.

a) Write a cost expression for the phone.
b) Write a revenue expression for the phone.
c) Write a profit expression for the phone.
d) How many phones must Motodimos cell to break even?