

Do Now – Domain

- Create a function with the MOST restrictive domain you can think of. Be creative!

Yesterday's Quiz Results – Range

- **Class Average –**
- **Club 100%**
- **Club 90%**

Graph Analysis, Day 1

6/30/14

Things We Care About

- 1) X-Intercept(s)
- 2) Y-Intercept
- 3) Extrema (Maxima and Minima)
- 4) Intervals of Increase/Decrease
- 5) End Behavior

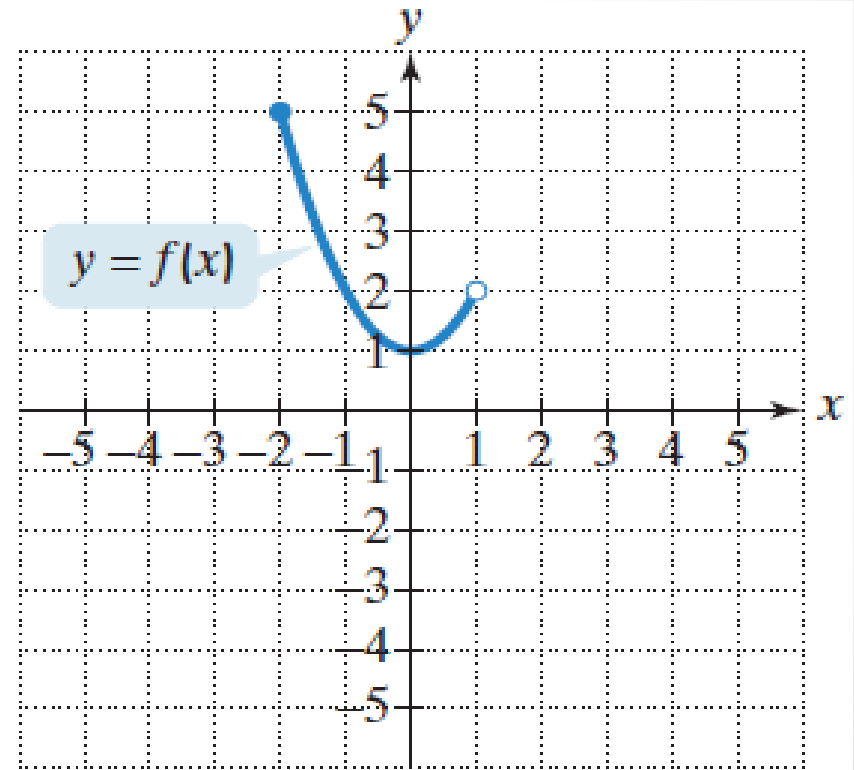
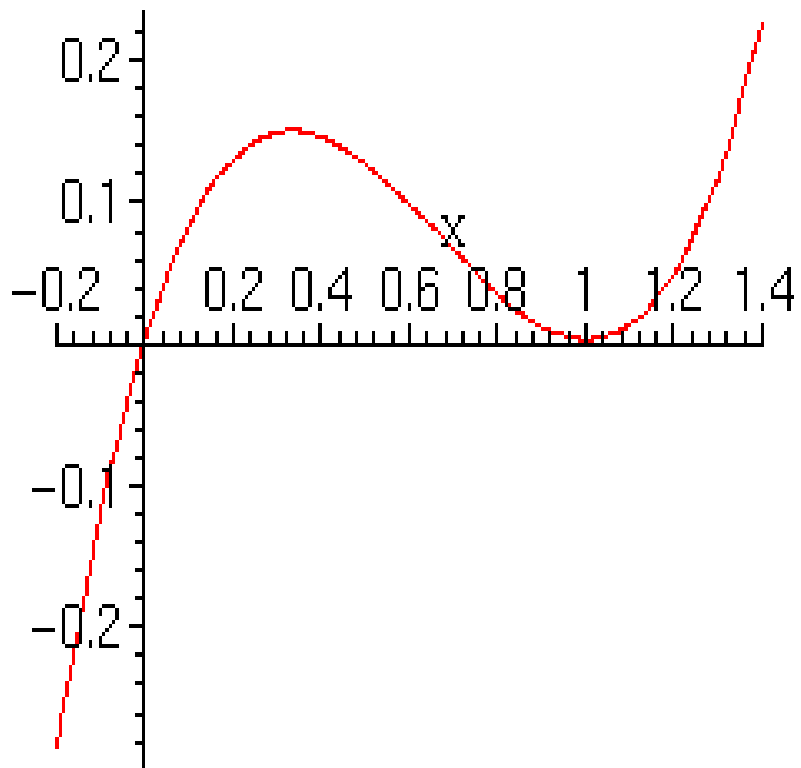
X-Intercepts

- What is an x-intercept?
- How can you find them from an equation?
- How can you find them from a graph?
- How can you find them from a table?

Y-Intercepts

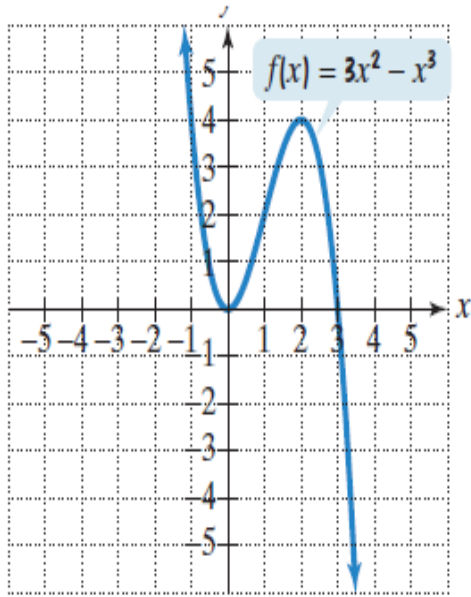
- What is a y -intercept?
- How can you find it from an equation?
- How can you find it from a graph?
- How can you find it from a table?

Extrema (Maxima/Minima)

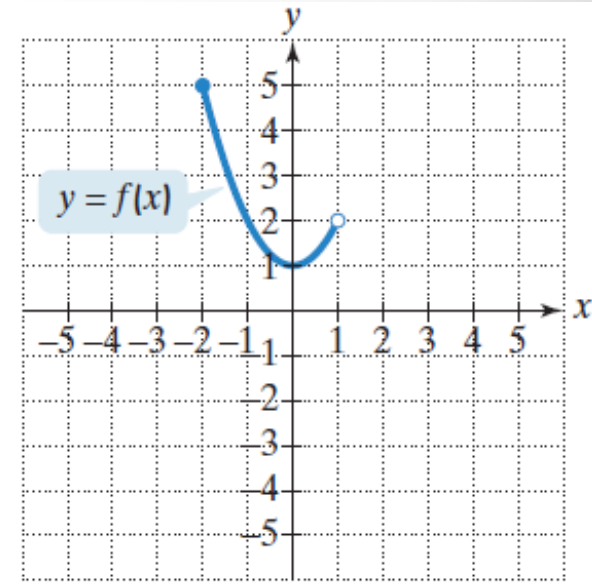
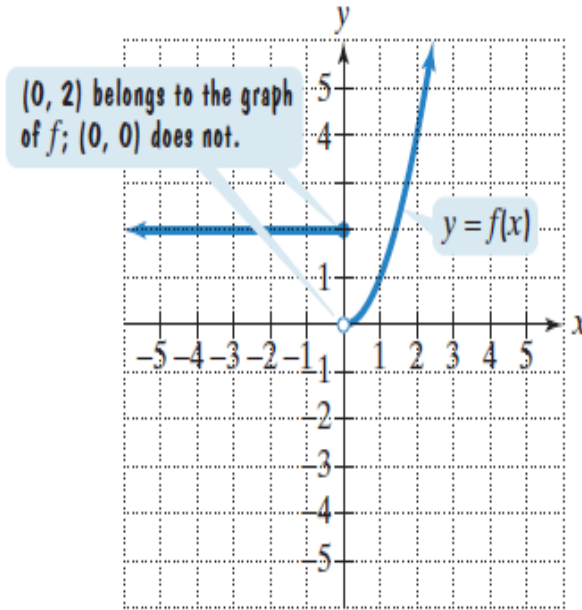


Intervals of Increase/Decrease

a.

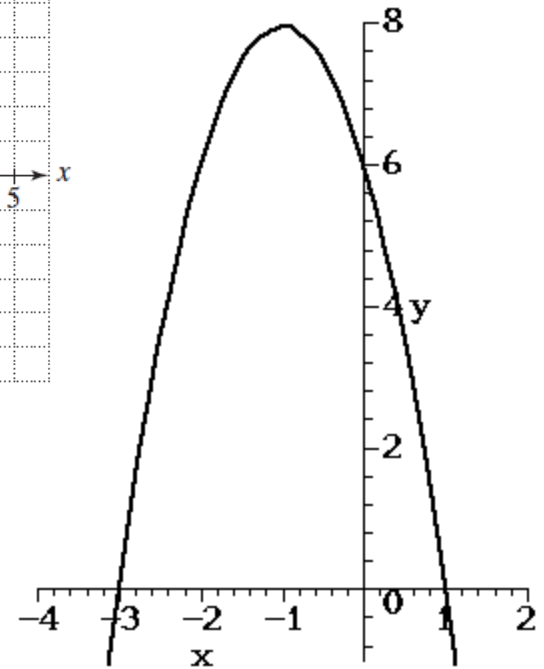
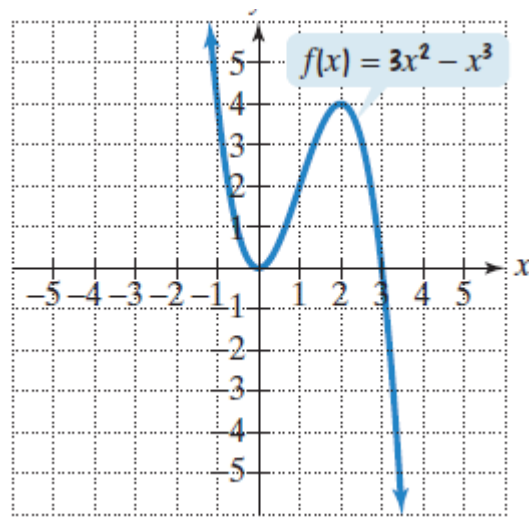
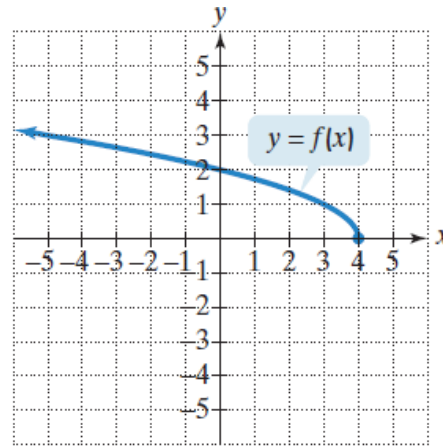
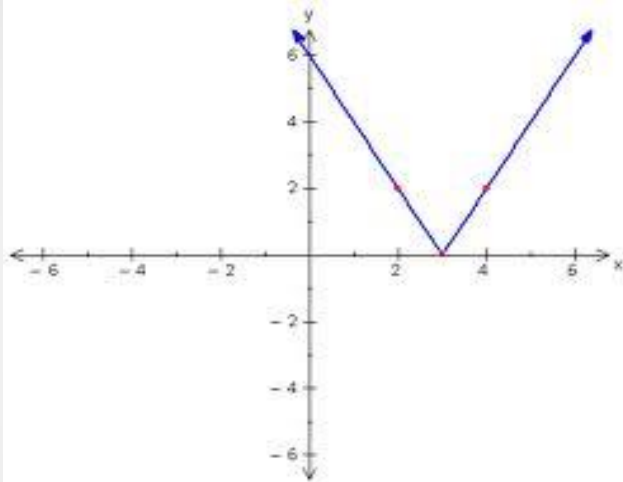


b.



End Behavior

- What happens at the part of the graph you can't see?



Classwork Practice

- Go!

Exit Quiz