

3.5 Videos Guide

3.5a

Exercises:

- Sketch the graph of the given function. Be sure to give any critical number(s), the intervals of concavity, inflection points, and asymptote(s), as appropriate.
 - $y = -2 + 3x^2 - x^3$

3.5b

- $y = \frac{2x^3 + x^2 + 1}{x^2 + 1}$

3.5c

- $y = x\sqrt{2 - x^2}$

3.5d

- $f(x) = \sin^2 x$