

Mathematics 110 — Assignment 4

Reading: Lecture Notes Sections 3.7 and 3.8

Question 1.

Sketch the graph of the function

$$y = -3 \sin\left(2x + \frac{\pi}{4}\right).$$

Question 2.

Sketch the graphs of the following functions:

(a) $y = \frac{1}{2x^2+1}$,

(b) $y = x^2 \cos x$,