

Problem 1. Match the following functions to their graphs:

- a) $y = 3 \cos(\pi x)$ II
- b) $y = -7 \sin(8x)$ III
- c) $y = 2 \cos(\frac{3x}{4})$ I
- d) $y = 3 \sin(\pi x)$ IV
- e) $y = 6 \cos(\frac{\pi x}{2})$ V
- f) $y = 7 \sin(8x)$ VI
- g) $y = 3 \sin(\pi x) + 1$ VII

