

1. 6.4 Problem 4

$$\max \quad z = 6x_1 + 8x_2$$

s.t.

$$x_1 + x_2 \leq 4$$

$$2x_1 - x_2 \leq 2$$

$$2x_2 = -1$$

$$x_1 \leq 0, x_2 \text{ unbounded}$$