

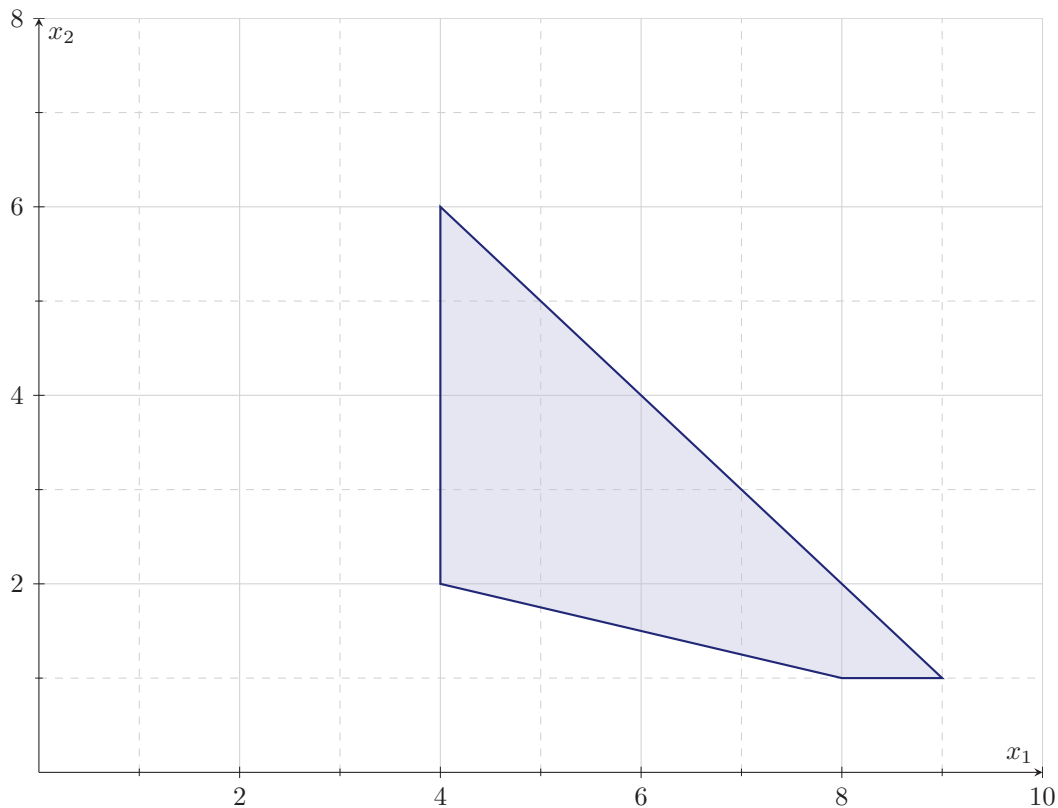
CHARACTER E:

You work closely with Kenzambique's Ministry of Foreign Affairs. You have had several meetings with representatives from the international government and the foreign fishing companies. They have taken you and your family out for amazing dinners where they explained to you how environmentally responsible their operations are. They even had videos that showed their fishermen petting whales! If the whales trust them, why shouldn't Kenzambique? Also, financially, it is in the best interest of Kenzambique to sell international fishing licenses. To sweeten the deal, the foreign government has offered to build factories and train Kenzambique's fishermen with new skills -- and they will even pay for your daughter to get a world-class education for free in their country if you can get them as many of the licenses as possible. This deal is too good to pass up -- you must convince the committee to make this happen!

1. Describe your objective using words below:

2. Write the algebraic formulation for your objective function for the interests of your stakeholder:

3. Using the graph of the feasible region below, identify the Ministry of Foreign Affairs' optimal solution.



Cadet: _____

Section: _____

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AY26-1 MA103 Problem Solving Lab 6: Linear Programming

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