Steps to Solve

We'll define:

- Decision variables:
  Let x be the number of large buses used
  Let y be the number of small buses used
- Objective:
  Minimize 800x + 600y
- Subject to constraints:
  - 50x + 40y >= 400 (enough seats)
  - x <= 10 (max 10 large buses)
  - y <= 8 (max 8 small buses)
  - x + y <= 9 (max 9 drivers)
  - x, y are integers ≥ 0