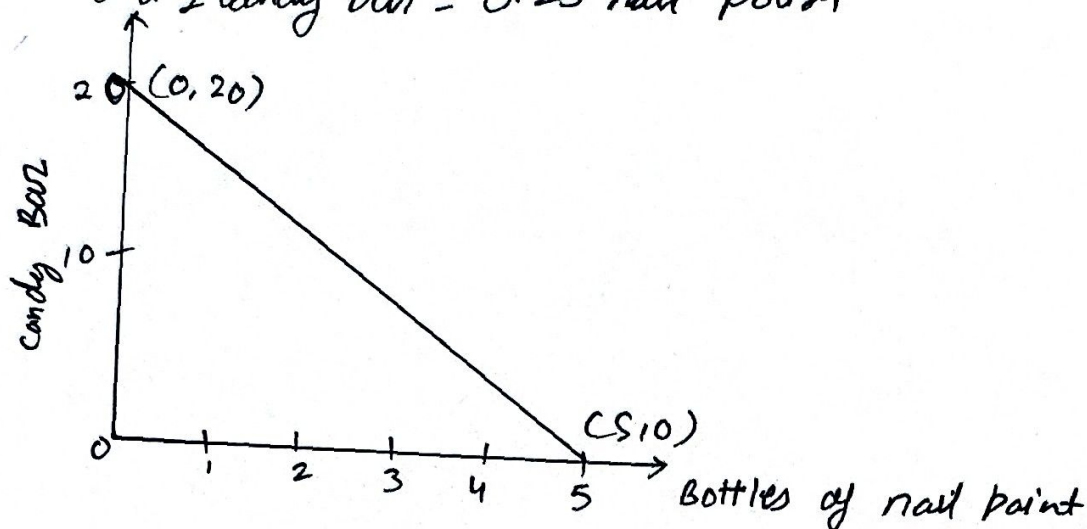
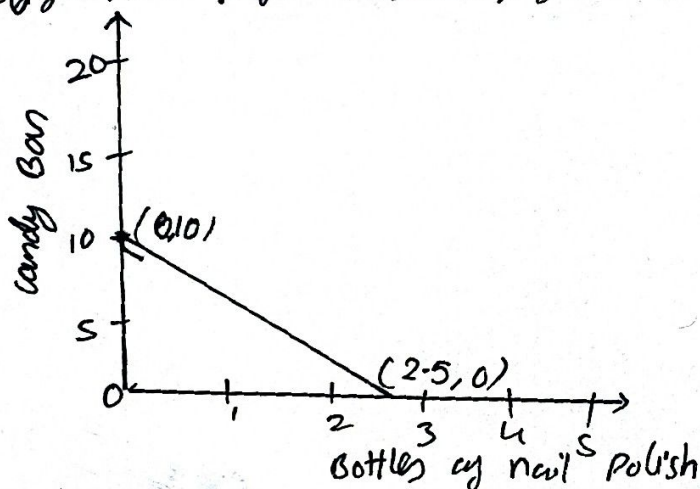


- I. Budget \$20, Nail Polish \$4, Candy \$1
 Budget Line $4x + y = 20$ [from (0, 20) to (5, 0)]
 • opportunity cost = 1 nail polish = 4 candy bars
 • and 1 candy bar = 0.25 nail polish



- II. Price double (nail \$8, candy \$2)
 • Budget Line $8x + 2y = 20$ [from (0, 10) to (2.5, 0)]
 • opportunity cost same (1 nail polish) = 4 candy bars
 • Budget line shift inward, slope unchanged.



- III. Allowance increase to \$24 (Price original)
 • Budget Line $4x + y = 24$ [from (0, 24) to (6, 0)]
 • opportunity cost: Same (1 nail polish = 4 candy bars)
 • Budget line shift outward, slope unchanged.

