

Notes 7.1

income - \$ coming in from sales

costs - \$ going out (pay bills)
(utilities, materials, transportation, equipment,
taxes, rent, payroll, etc.)

profit = income - costs

break-even point income = costs
profit = 0

Notes 7.2 Solutions of Linear Systems

{ system of equations

1 solution = where the lines intersect
(x, y) that makes both
equations true

no solutions = parallel lines (same slope)

infinite # of solutions = same line

perpendicular lines = slopes are
opposite reciprocals
+/- flip