

Step 2: Sort according to ratio in descending order 1 6 1 Objects 10 18 Profit 4 1 Weight 1.6 3 4.5 Ratio (Plw) Weight and at many to the property of the state of the constraint: Total weight = 15 and the constraint: Total weight = 15 and the constraint and (From object 2 we are only taking taking Weight into seach maximum of 15kg max Exipi

[Profit should be max] to be placed in Total profit: 6 + 10 + 18 + 3 + 15 + 5 x 2

objects: 0 1 a 3 4 18 Profits: P 10 5 15 7 6 weight: w 2 3 5 7 4.5 3 Ratio (P(w) 5 1.5 3 1 6 (x1, x2, x3, x4, x5, x6, x7) Ratio: Profêt/ Weight constraint : Eximi <m Objectivo: max Exipi