

Skilaverkefni 1

- aðgerðargreining

6. DÆMI① GÖGN $j: 1, 2, 3, 4, 5, 6$ $m: 500 \text{ lbs.}$ $v_j: \text{virði}$ $n: 300 \text{ ft}^3$ $w_j: \text{þyngd}$ $r_j: \text{rúmmál}$ $a_j: \text{frambod}$ ② ÁKVÖRDUNÁRBREYTUR $x_j = \text{fjöldi raftækja}$ $x_j \geq 0, j = 1, 2, 3, 4, 5, 6$ ③ LÍNULEGAR SKORÐUR① $x_j \geq 0, j = 1, 2, 3, 4, 5, 6$ ② $x_j \leq a_j$ ③ $\sum_{j \in J} x_j w_j \leq m$ ④ $\sum_{j \in J} x_j r_j \leq n$ ④ LÍNULEGT MARKFALLmaximize $z = \sum_{j \in J} x_j v_j$ $j = 1, 2, 3, 4, 5, 6$