Assignment Two for CS-6648

Dong Zhou

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$$\textbf{Maximize } 24x_1 + 2x_2 + 20x_3 + 4x_4 \qquad (1)$$
$$\textbf{Subject to } 8x_1 + 1x_2 + 5x_3 + 4x_4 \leq 9 \qquad (2)$$
$$x_i \in \{0, 1\} \textbf{ for } i = 1 \textbf{ to } 4. \qquad (3)$$

From above we can get:
$$24/8 = 3$$
$$2/1 = 2$$
$$20/5 = 4$$
$$4/4 = 1$$

item	1	2	3	4
value/lb.	\$3	\$2	\$4	\$1