641512290

find $(u_1, u_2, u_3, u_4, u_5)$ as $\sum_{X_i W_i} \leq M$ and $\max \sum_{X_i P_i}$

	1	2	B	a	9		
	P 16	411	51	22	90	— M - 115	
~	w 8	13	12	15	20	-M=45 -	
	p/w 2	3.1b	4,25	1.47	4.5		

Sort Pi/Wi (high - low) choose high frist

	i	5	3	2	1	[4
	\mathcal{W}	20	12	13	8	15
	M	ЦБ	45 - 20 = 25	25- 12 = K	3 0	0
	Condition	20 L M	12 L M	3 = M	_	_
(M, N, N, M,	×	1	3	1 /	0	0

O, 1, 1, 0,) ZxiRi = 0(16) + 1(91) + 1(51) + 0(22) + 1(90) - 198