













Uni	its of Utili	ity	
 The utility can't be object You might figure out how Second glass is half as The third glass is half as The fourth glass is half Pass up the fifth glass Assign arbitrary numbers 	ively measured. w much you enjoy e good as the first one s good as the second as good as the shird s to the amount of	each glass utility fror	of water. n each
quantity consumed	Units of Water		
	Consumed	Total	Marginal
	(8 ounce glass)	Utility	Utility
	0	0	-
	1	40	40
	2	60	20
	3	70	10
	4	75	5
	5	73	-2
			8











	Pizza Consumed Per Week (1)	Total Utility of Pizza (2)	Margina Utility of Pizza (3)	Marginal Utility of Pizza I per Dollar Expended (price=\$8) (4)	Video Rentals per Week (5)	Total Utility of Videos (6)	Marginal Utility of Videos (7)	Marginal Utility of Videos per Dollar Expended (price=\$4) (8)
-	0	0			0	0	_	
	1	56	56	7	1	40	40	10
	2	88	32	4	2	68	28	7
	3	112	24	3	3	88	20	5
Γ	4	130	18	2¼	4	100	12	3
t	5	142	12	1½	5	108	8	2
-	6	150	8	1	6	114	6	1½
ppo al u e up ′ou :	se you star tility of 14 o one pizza give up 12	t off spe 2. , you fre units of	nding yo ee up eno utility –	ur entire bu ugh money the margina	udget of \$4 to rent 2 v al utility o	40 on pizz videos. f the 5th :	za → 5 piz unit of piz	zas per week za,

Equ	ulibri	um Co	ombina	tion of	Pizza	& Vide	eo Renta
			Marginal Utility of Pizza				Marginal Utility of Videos
Pizza	Total	Margina	l per Dollar	Video	Total	Marginal	per Dollar
onsumed	Utility	Utility	Expended	Rentals	Utility of	Utility of	Expended
er Week	of Pizza	of Pizza	(price=\$8)	per Week	Videos	Videos	(price=\$4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	0	-	-	0	0	-	-
1	56	56	7	1	40	40	10
2	88	32	4	2	68	28	7
3	112	24	3	3	88	20	5
4	130	18	2¼	4	100	12	3
5	142	12	11⁄2	5	108	8	2
6	150	8	1	6	114	6	11/2

Further reductions in pizza would reduce total utility because you would give up 24 units of utility from the 3rd pizza but gain only 14 from the 5th and 6th video rentals

The utility-maximizing equilibrium condition is 3 pizzas and 4 videos per week, Total utility of 212 and an outlay of \$24 on pizza and \$16 on videos

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			Marginal Utility				Marginal Utility
D '	T (1		of Pizza	¥7• 1	T ()		of Videos
PIZZA Consumed	1 otal Utility	Marginal Utility	per Dollar Expended	Video Rentals	1 otal Utility of	Marginal Utility of	per Dollar Expended
Consumeu Per Week	of Pizza	of Pizza	(nrice=\$8)	ner Week	Videos	Videos	(nrice=\$4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	0	-	-	0	0	-	-
1	56	56	9 1/3	1	40	40	10
2	88	32	<u>5 1/3</u>	2	68	28	7
3	112	24	4	3	88	20	5
4	130	18	3	4	100	12	3
5	142	12	2	5	108	8	2
6	150	8	1 1/3	6	114	6	11/2

			Marginal Utility of Pizza				Marginal Utility of Videos
Pizza	Total	Marginal	per Dollar	Video	Total	Marginal	per Dollar
Consumed	Utility	Utility	Expended	Rentals	Utility of	Utility of	Expended
Per Week	of Pizza	of Pizza	(price=\$8)	per Week	Videos	Videos	(price=\$4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	0	-	-	0	0	-	-
1	56	56	9 1/3	1	40	40	10
2	88	32	5 1/3	2	68	28	7
_3	112	24	4	3	88	20	5
4	130	18	3	4	100	12	3
5	142	12	2	5	108	8	2
6	150	8	1 1/3	6	114	6	11⁄2

→We are once again in equilibrium.



























