

```
2.7.3
(a) 50=-2x2-p+80
   10=15x-p+30 0.
      from D.
   P=-2x +80. 9
   P=10x+30 9
 1. -2x2+80= LTX +30
        0 = 2x^{2}+15x-50
        0=(2x-5)(x+10)
      1: X1=2-5, X2=-10 (sound down)
    · P=15.2.5+30
      P=67.5
   .. the equilbrium point is (2+00, 67.5) -> (2,5, 67.5)
  SIP+3X=66 0
 12p2+p-X=10 D.
 2P2+P-10=X 3
 put @ into D.
 11/2+3(2/2+1-10)=66
11P+6P2+3P-30 = 61
   6P2+4P-96 = 0
P=3 or P=-16 ( )ound down)
    put P=3 ilnto Q.
2(3) +3-10=x
     18+3-10 =x
     : the equilbrium point is (1/090 3) =) (11, 3)
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The state of the s			
2.7.4	por one chis	110	ON
(a) C(x) = 100,000+14,	X - American Indian	143	
(b) R(x) = 20x			
(L) P(x) = 20x - 100,000 -1		g (2)	
= 6x-101,000.		47	
d	IT BOOK 144	opt and c	11
X=12,000		11 11 9	
P(x)=6x-10000		000	
= +281000.	=20,000.	The Thirt	I I was track
THE REPORT AND			M
2-7.8	2.7.0	7	A Gartine Control of the Control of
Sp(q)=144-q20	(a) />	-16-0.	
Pra)=48+ 292		=16	
1 7 PE 17		price is 16.	
: 144-q2 = 48 + 2q2	1-12	W 2 3 2 1	
0=3292-96		6-1.25(0.4)	
0 = 39 - 192		7.1.	
0=92-64		rice is 15.5.	
9'= 64		-1.2510.8)	
q = 8.		THE RESIDENCE PROPERTY OF THE PARTY.	
put d=8 into 0		ce is 15	
P(q)=144-82	and white the	Xe) C 18 (C + 15 1)	
= 80	d) 8=	16-1.258	
The Table of Y	1. XX =	8 1 1 1 1 1 1 1 1 8 .	
In the xi	X=	6.4	
7.4. U. 20. 12.2.1.	1.1	he demand is 64	ου.
5 1 x + 1 x x - A	(e) 10=	16-124×	
1. 45	1.24X	= 6	
0 - 1	X	= 4.8	1
	:.1	he demand is 48	00.
	y) 12=1	16-125x	
	1-24x=	4	
	× =	3.2 : the demand	5 3,00.





