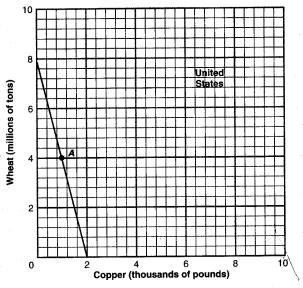
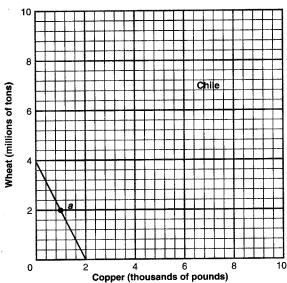
Chapter 37

■ PROBLEMS

1. Shown below are the production possibilities curves for two nations: the United States and Chile. Suppose these two nations do not currently engage in international trade or specialization, and suppose that points A and a show the combinations of wheat and copper they now produce and consume.





\$3.00	100	300	0	200
Price	Q _{dd}	Q _{sd}	Q _{di}	Q _{se}
demand demand	schedules ar schedules for	nd the expo two nations	rt supply and (A and B).	d import
2. Follow	wing are tables	showing the	domestic su	pply and
and _	-		d pounds of c	opper.
(2) C	hile are		million tons	of wheat
pound	ds of copper.			Justina
	of wheat and			
e. As tons of trading Chile. f. Will United wheat to cording of coperations of the cordinal c	eat for 1000 po sume the term of wheat for 10 g possibilities	han 2 and le unds of copp as of trade tu 00 pounds of curve for th g possibilities les to consu unds of coppe n tons of wh s from trade	ss than 4 mill er because irn out to be 3 f copper. Dra ie United States curves, suppime 5 million er while Chile eat and 1000 to	3 million w in the tes and cose the tons of decides pounds
d. The	e terms of trac	de, if special	ization and tr	ade oc-
	ıse			
(2) Cl	hile would spe	cialize in the	production of	 f copper
tion of	wheat becaus	se		
c. If t wheat	hese two nation for copper, the United State	ons were to	specialize ar	nd trade
	nile is			
coppe	eat for r. nile is			
	e United States			
ratio ir		e two curves		
stant)			•	

a. The straightness of the two curves indicates that

NA

Price	Q _{dd}	Q _{sd}	Q _{di}	Q _{se}	
\$3.00	100	300	0	200	
2.50	150	250	0	100	
2.00	200	200	0	(0	
1.50	250	150	100	` 0	
1.00	300	100	200	0	

a. For nation A, the first column of the table is the price of a product. The second column is the quantity demanded domestically (Q_{dd}). The third column is the quantity supplied domestically (Q_{sd}). The fourth

			for imports (Q _{di}		Price		· · · · · ·		Q _{diA}	<u></u>	Q _{seB}
			orts supplied (\$2.00				0		100
(1) At	a price c	or \$2.00, the	ere (will, will	not)	1.75				50		50
		be a surplus c	or shortage and	there	1.50			·	100		0
(2) At a		be exports or 00, there will t	imports. be a domestic (s	short-				•		then Nati	on (A, B)
			of								
					unit	s and r	Nation _		<u> </u>	_ will wan	nt to export
units. I	his domestic	O	will be	elimi-	<u></u>				of the pro		<i>,</i> ,
nated b	by (exports,	imports)		of	(2)	if the	world	price is	\$ \$1.75,	then Nati	on (A, B)
		units.						will wa	nt to impo	rt	
(3) At a	price of \$1.	00, there will b	be a domestic (s	short-	unit	s and N	Nation _			_ will wan	t to export
age, sui	rplus)		of					units	of the pro	oduct.	
			will be		(3)						on (A, B)
										rt	
nated	oy (exports	, imports) _		ОТ					•		
		units.									t to export
								_ units	of the pro	oduct.	
NATION B					3 The	follow	ina tah	nle sho	we the a	uantities	of woolen
Price	100	Q _{sd} 300	0 0	0 _{se}			_		-		at several
\$2.50 2.00	150	300 250	0	200 100							the quan-
1.50	200	200	0	0	tities o	f wool	en glov	es that	would b	e supplie	ed by U.S.
1.00	250	150	100	0 .	produc	ers (<i>S</i> ,	and t	he quai	ntities tha	t would be	e supplied
uct. The domesti	e second co cally (Q_{dd}).	olumn is the The third col	s the price of a quantity dema lumn is the qu	nded antity	P \$2.60	D 450	S _a 275	S _f 475	S _t	S' _f	S' _t
			fourth column i		2.40	500	250	450			
			2_{di}). The fifth co	lumn	2.20	550	225	425			
		ports supplied	a (<i>U_{se}).</i> ere (will, will	not)							
(1) 71				•	2.00	600	200	400	 .		
-		be a surplus o	r shortage and	there	1.80	650	175	375			
		be exports or			1.60	700	150	350			
(2) At a	price of \$2.	50, there will b	oe a domestic (s	short-	1.40	750	125	325			
age, sur	plus)		of		1.20	800	. 0	300			
units. Th	nis domestic	·	will be	elimi-	1.00	850	0	0			
nated b				of							quantities
(3) At a		units. 00, there will b	oe a domestic (s	short-	duc	ers at e	each of	the pri	ces.		reign pro-
age, sur	plus)		of						•		ted States or woolen
units. Th	nis domestic	>	will be	elimi-							equilibrium
nated b	y (exports,	imports)	····	of							,quiiibi iui i
		units.								States go	overnment
c. The f	following tab	le shows a so	hedule of the in	nport						-	gloves on
demand	in Nation A	A and the exp	ort supply in N	lation						-	m abroad.
	•		lumn is the pri-								ntities that
			mn is the qua								at the nine
			Nation A. The								ere willing
column	is the quan	itity of exports	s supplied ($oldsymbol{Q_{se}}$	_{eB}) in	to s	upply 3	100 pair	's at a p	rice of \$1	.20 when	there was

no tariff, they are now willing to supply 300 pairs at

Nation B.

\$2.00 (the \$.80 per pair tariff plus the \$1.20 they will receive for themselves). The quantities supplied at each of the other prices may be found in a similar fashion.] d. Compute and enter into the table the total quantities that would be supplied (S') by U.S. and foreign producers at each of the nine prices. e. As a result of the imposition of the tariff the equi-
librium price has risen to \$ and the
equilibrium quantity has fallen to f. The number of pairs sold by (1) U.S. producers has (increased, decreased) by
(2) foreign producers has (increased, decreased)
by
g. The total revenues (after the payment of the tariff) of
(1) U.S. producers—who do not pay the tariff—have
(increased, decreased) by
\$ (2) foreign producers—who do pay the tariff—
have (increased, decreased)by
\$ h. The total amount spent by U.S. buyers of woolen
gloves has by \$
i. The total number of dollars earned by foreigners
has by \$, and, as a result, the total foreign demand for goods and services produced in the United States has
by \$
j. The tariff revenue of the United States government
has by \$ k. If an import quota were imposed that had the same effect as the tariff on price and output, the amount of
the tariff revenue, \$, would now be
received as revenue by producers.