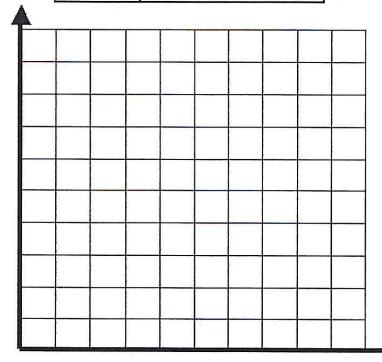
	E:				NAME:			
		<u>CHA</u>	PTER	4: DEMAND AND ELAS	STICITY WORK	SHEET		
It is a measure o	f how re	sponsive in price.	quantity The <u>low</u> e	Definition of Elasticity of is to a price change. The higher the measure then the less resp	r the measure then the	more responsive consumers very left to a change in price.		
1. The elastici adjust.	y of de	emand is	S	in the	run because con	sumers have MORE time		
2. An Elasticity of 1.0 or greater				=	demand ,	e capta		
3. An Elasticity of exactly 1.0				=	demand			
4. An Elasticity of between 0 and 1.0				0 =	demand			
positives.	1: The : [QDe : 2: The :	formula mand(N formula	used to (EW) -	o calculate the percentage of QDemand(OLD)] / QDemand(OLD)	change in quantity mand(OLD)			
STEP:		e(NEW) EP 1) / (e(OLD)] / Price(OLD) 2)	g 1997 M			
<u> </u>			STEP		STEP 2	STEP 3		
Pr	3: (STI	EP 1) / (STEP	2)	STEP 2 % change in price	STEP 3 Price Elasticity of Demand		
Pr	3: (STI	EP 1) / (STEP	2) STEP 1 % change in quantity	% change in	Price Elasticity of Demand 1		
Pr	3: (STI	EP 1) / (Quan	STEP tity New	2) STEP 1 % change in quantity	% change in	Price Elasticity of		
Pr Initia 25	ice New	EP 1) / (Quan Initial	STEP tity New 40	2) STEP 1 % change in quantity	% change in	Price Elasticity of Demand		

6. What happens to the Elasticity of Why?	Demand if th	nere are <u>many</u> substitutes fo	or a good? Is it elastic or inelastic ?
7. Given the data below, calculate t ANSWER:		icity of demand when the particle of demand when the particle of the control of t	
	Data for Good X]
	Price (\$)	Quantity Demanded	
	7.00	200	
	8.00	180	
	9.00	150	
	10.00	110].
	11.00	60	
9. What does it mean for a good to10. What type of demand would the		ood that had NO substitutes	s? Circle One
			The state of the s
Elastic		Inelastic	
11. Which way would the demand increased? Circle One	curve of Goo	d X shift if the price of Goo	od Y (a complementary good)
Left		Right	
12. What happens to the Demand C Explain <u>why</u> the demand curve			(a <u>substitute</u> good) <u>increases</u> ?
Left		Right	
•			

13. Kobe's favorite drink is cola. He buys a 12 pack from his local supermarket and has noticed that the price often varies. His monthly demand for cola is shown below: From the information provided in the demand schedule, draw a labeled demand curve below.

Use the graph space to draw the curve. Label the demand curve D1.

Kobe's Weekly Demand for Cola				
Price (\$)	Quantity Demanded			
5.00	2			
4.50	3			
4.00	4			
3.50	5			
2.50	6			



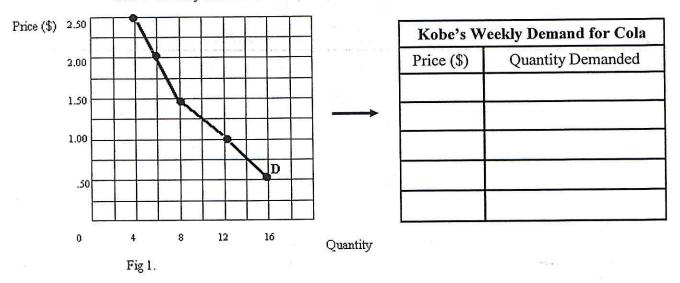
14. Kobe's drinks cola drinks to give him energy - he loves Dr. Pepper, but sometimes Mr. Pibb (a substitute good for Dr. Pepper) is on special sale. Given the lower price for Mr. Pibb, a new <u>demand schedule</u> had to be created for Dr. Pepper. Use the graph space above you created in Question 13 to draw the new demand curve. Label the new demand curve D2.

DEMAND SCHEDULE

PRICE FOR DR. PEPPER	OLD DEMAND	NEW DEMAND	
\$5.00	2	1	
\$4.50	3 .	2	
\$4.00	4	3	
\$3.50	5	4	
\$2.50	6	5	

15. From the information shown on figure 1 below, construct a <u>demand schedule</u> showing Kobe's monthly demand for Dr. Pepper.

Kobe's Monthly demand for Coke (litres)



16. Why do suppliers want to create more inelastic demand relationships in the products that they sell?