

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Element: \_\_\_\_\_

Unit 2A Part 1 Homework

**Directions:** Answer the prompts below. Show your work or explain how you know the answer. For multiple choice, circle the letter of the answer or highlight the entire answer.

Price per bushel	Quantity demanded (bushels per week)
\$ 0.10	350
\$ 0.15	300
\$ 0.20	250
\$ 0.25	200
\$ 0.30	150
\$ 0.35	100
\$ 0.40	50
\$ 0.45	0

1. The table shows the demand for wheat in Scienceville. Study the data and then make a properly labeled graph of the demand curve for wheat in Scienceville.

- Does Scienceville's demand for wheat follow the law of demand? Why or why not?
- According to the data in question 1, at a price of \$0.30 per bushel of wheat, buyers in Scienceville would be willing to buy how many bushels of wheat?
- All else held constant and according to the data in question 1, if the price per bushel of wheat rises to \$0.40 per bushel of wheat, buyers in Scienceville would be willing to buy how many bushels of wheat?
- In question 4, is this a change in demand or a change in quantity demanded?
- All else held constant and according to the data in question 1, if the price per bushel of wheat decreases to \_\_\_\_\_ per bushel of wheat, buyers in Scienceville would be willing to buy 250 bushels of wheat.
- In question 6, is this a change in demand or a change in quantity demanded?

Price per bushel	Quantity demanded (bushels per week)			
	Scienceville	Historyville	Mathville	Total quantity demanded in the market
\$ 0.10	350	150	400	
\$ 0.15	300	175	350	
\$ 0.20	250	150	300	
\$ 0.25	200	125	275	
\$ 0.30	150	100	215	
\$ 0.35	100	75	200	
\$ 0.40	50	50	100	
\$ 0.45	0	0	5	

8. The table shows the demand for wheat in Scienceville, Historyville, and Mathville. Study the data and complete the table, then make a properly labeled graph of the market demand curve for wheat.

9. According to the data in question 8, which town, if any, does not follow the law of demand?

10. Explain how you arrived at your answer to question 9.