1)	hours	2	6	8	10	12	Constant of proportionality?
	time	3	9	12	15		

Pizza Shop A Cost of Pizza?

2)	cost	16	24			Constant of proportionality?
	#pizzas	2	3	4	5	

Pizza Shop B $7 cost of pizza + 3 delivery

3)	cost	10	17			Constant of proportionality?
	#pizzas	1	2	3	4	

4)	Cups of sugar	1/2	1			Constant of proportionality?
	Quarts of Water	2	4	6	8	

A. Draw a table for each problem.
B. Is it proportional?   (Glencoe p. 203-04)

1. An adult elephant drinks about 225 liters of water each day. Draw a table for days 1-4. Is this proportional?

water	225				Constant of proportionality?
days	1	2	3	4	

2. A shipping company charges $5 to deliver a package plus $0.50 a pound. Draw a table for the cost per pound. Is this proportional?

cost	5.50				Constant of proportionality?
pounds	1	2	3	4	

3. Andrew earns $18 per hour for mowing lawns. Draw a table for the earnings per hour. Is this proportional?

money	18				Constant of proportionality?
hour	1	2	3	4	

4. A plumber charges $85 for a service call plus $50 per hour. Draw a table for 4 hours . Is this a proportional relationship?

Charge					Constant of proportionality?
hours	1	2	3	4	

5. A marina rents boats for $25 per hour. In addition to the rental fee, there is a $12 charge for fuel. Is this a proportional relationship?

Charge					Constant of proportionality?
hours	1	2	3	4	

6. An elevator ascends (goes up) at a rate of 750 feet per second. Draw a table for the rate per second.

				Constant of proportionality?

7. Every ½ hour, an ice cream shop sells 7 cones. Draw a table for the first 2 hours. Is it proportional?

				Constant of proportionality?

8. Every 1/3 hour, James does 5 math problems. Draw a table for the first 2 hours. Is it proportional?

						Constant of proportionality?