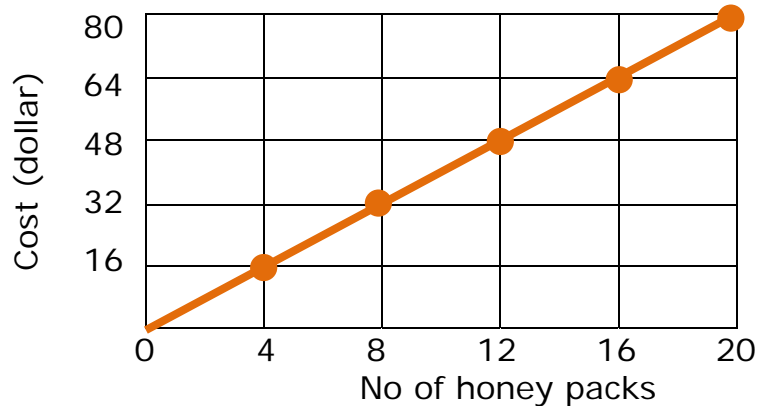Name _____   Date _____

Graphs of Proportional Relationship - Guided Lesson

Complete the following problems:

1) The graph below represents the cost of packs of honey as a unit rate of $4 dollars for every pack of honey. The unit rate is represented as $4/pack. Represent the relationship using a table and an equation.

2) Andrew brought packs of biscuit. Create a graph to determine if the number of packs and price are proportional for each serving size listed in the table. If the quantities are proportional, what is the constant of proportionality or unit rate that defines the relationship? Explain how the constant of proportionality was determined and how it relates to both the table and graph.

Data	1	2	3	4
Packed of Biscuit	1	2	3	4
Price	8	16	24	32

Name _____   Date _____

3) The graph below represents the cost of DVD packs at a unit rate of $3 dollars for every pack of DVDs. The unit rate is represented as $3/pack. Represent the relationship using a table and an equation.