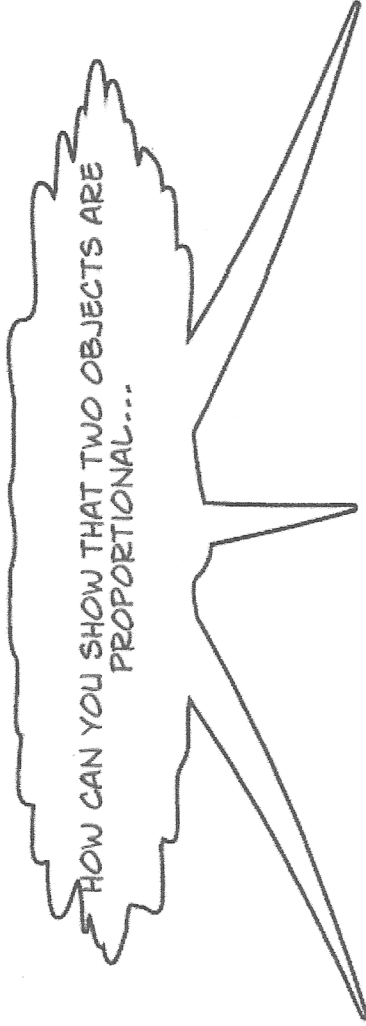


Name \_\_\_\_\_ Date \_\_\_\_\_

Lesson 9:

Fill out the graphic organizer describing characteristics of proportional relationships in a table, graphs and equations.



...WITH A TABLE?

...WITH A GRAPH?

...WITH AN EQUATION?

Name \_\_\_\_\_ Date \_\_\_\_\_

Lesson 9: Classwork: One Problem Many Ways

Problem Stem

Question

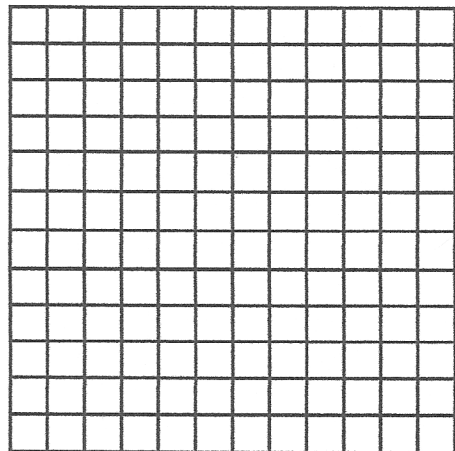
SOLUTION DISPLAYS

Chart or  
Table

Diagram

Equati  
on

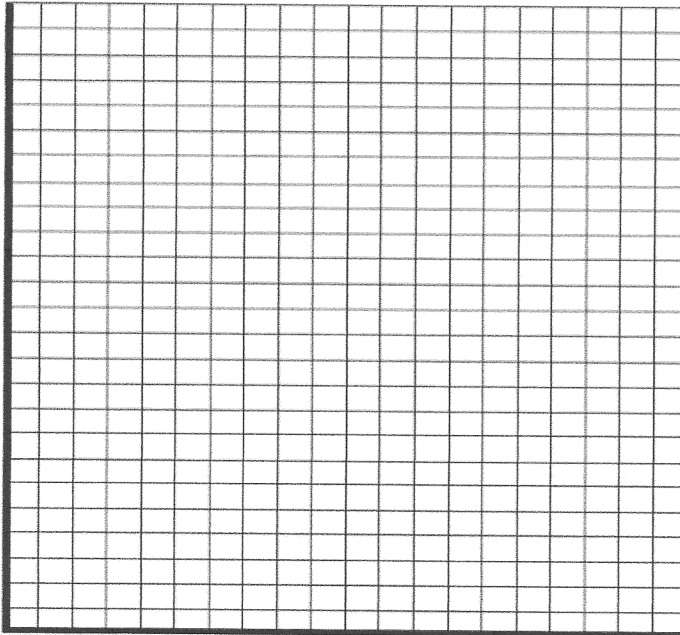
Graph



Name \_\_\_\_\_ Date \_\_\_\_\_

Lesson 9 Homework

Jasmine makes the following table of the distances she travelled during the first day of her cycling trip.



Time(hours)	Distance (miles)
0	0
1	
2	13
3	
4	26
5	32.5
6	

- 1) Suppose she continues to cycle at the same rate. Complete the table.
- 2) Write an equation for the distance Jasmine travels after  $t$  hours.
- 3) How can you find the distances that she travels in 7 hours and  $9\frac{1}{2}$  hours, using the table? Using the equation?
- 4) Graph your rate table.
- 5) What are the advantages and disadvantages of using each form of representation - a table? graph? equation?