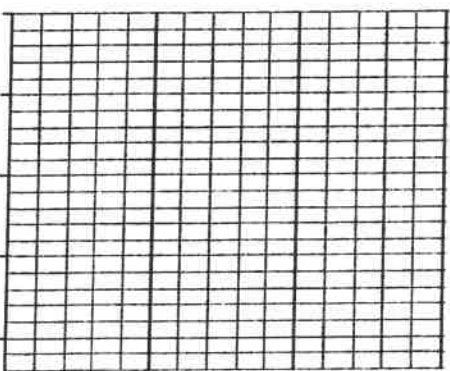
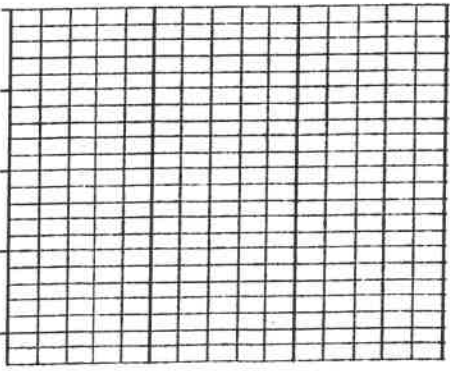


Group 1 A local frozen yogurt shop is known for their monster sundaes to be shared by a group. The ratios represent the number of toppings to total cost. Create a table then graph and explain if the quantities are proportional to each other or not.	Group 2 The school library receives money for every book sold at the school's book fair. The ratios represent the number of books sold to the amount of money the library receives. Create a table then graph and explain if the quantities are proportional to each other or not.	Group3 Your uncle just bought a hybrid car and wants to take you and your siblings camping. The ratios represent the number of gallons remaining to hours of driving. Create a table then graph and explain if the quantities are proportional to each other or not.	Group 4 For a Science project Eli decided to study colonies of mold. He observed a piece of bread that was molding. The ratios represent the number of days passed to colonies of mold on the bread. Create a table then graph and explain if the quantities are proportional to each other or not.
4 to 0	1 to 5	8 to 0	1 to 1
6:3	2 to 10	After 1 hour of driving, there are 6 gallons of gas left in the tank.	2 to 4
8/6	The library received \$15 for selling 3 books.	4 : 4	3:9
The total cost of a 10-topping sundae is \$9.	4:20	2 to 7	4/16
12 to 12	5: 25	0/8	Twenty five colonies were found on the fifth day.

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Name: _____ Block: _____ Date: _____

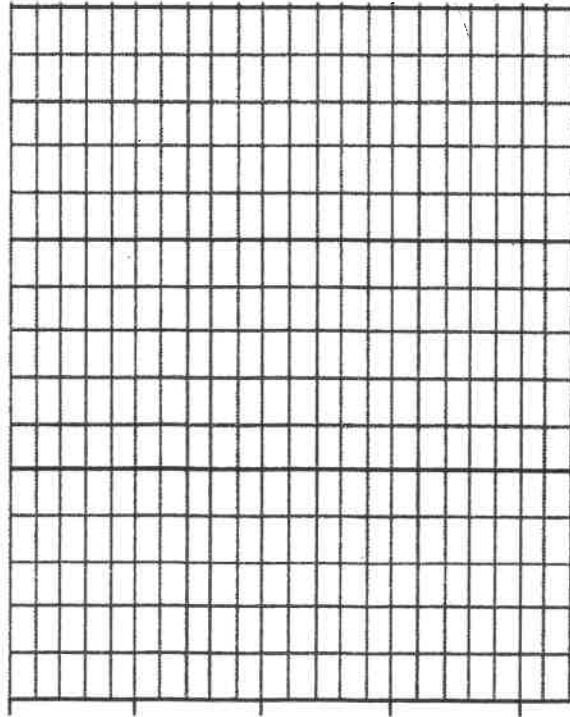
<u>Problem</u>	<u>Table</u>
<u>Graph</u> 	<u>Proportional or not? Explain.</u>

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Problem

Table

Graph



Proportional or not? Explain.

Name _____

Date _____

Lesson 6: Identifying Proportional and Non-Proportional Relationships in Graphs

Exit Ticket

1. Which graphs in the art gallery walk represented proportional relationships and which did not? List the group number.

Proportional RelationshipNon-proportional Relationship

2. What are the characteristics of the graphs that represent proportional relationships?

3. For the graphs representing proportional relationships, what does $(0,0)$ mean in the context of the given situation?

