

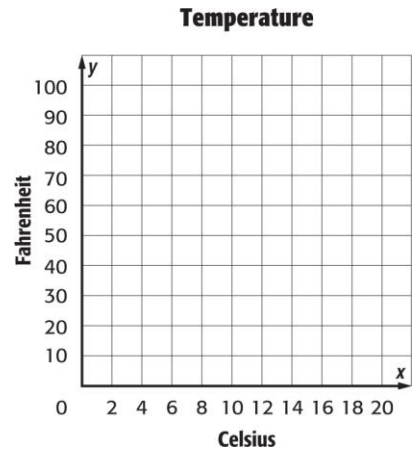
Lesson 2 Homework Practice

Graph Proportional Relationships

For Exercises 1 and 2, determine whether the relationship between the two quantities shown in each table are proportional by graphing on the coordinate plane. Clearly site EVIDENCE that supports your claim.

1.

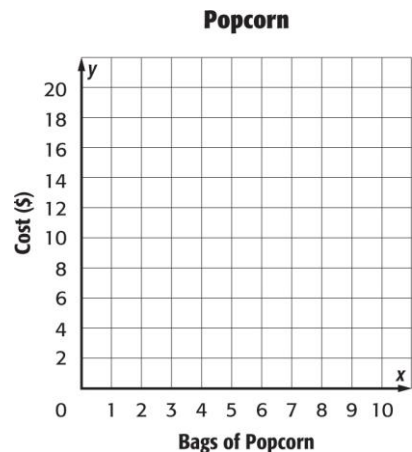
Temperature (Degrees)	
Celsius	Fahrenheit
0	32
5	41
10	50
15	59
20	68



Conclusion and proof:

2.

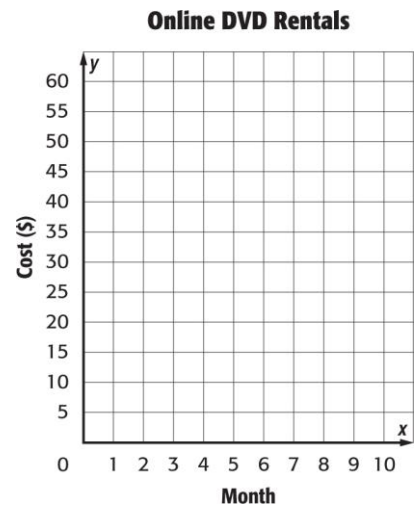
Popcorn	
Bags of Popcorn	Cost (\$)
0	0
1	4
2	8
3	12
4	16



Conclusion and proof:

3. **MOVIES** An online DVD rental company charges \$15 a month for unlimited rentals. Determine whether the total paid after each month is proportional to number of months by graphing on the coordinate plane. Explain your reasoning.

Conclusion and proof:



4. **RAINFALL** It rained 2 inches in one hour, then after two hours, it had rained a total of 3 inches. After four hours, it had rained a total of 5 inches. Determine whether the number of inches of rainfall is proportional to the number of hours.

Conclusion and proof:

