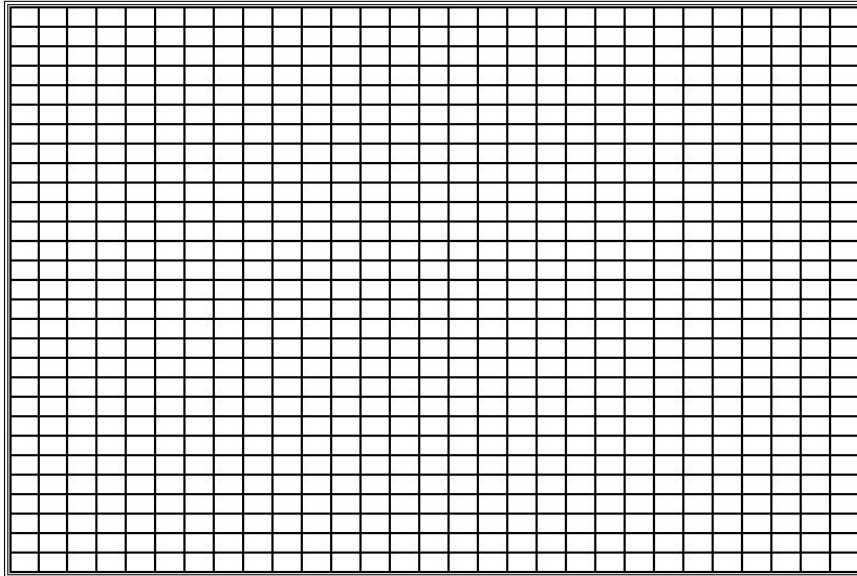


Name: _____

Date: _____ Per: _____

Lesson 4.2.2 Homework

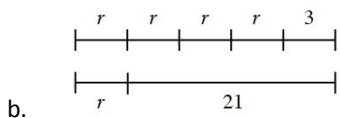
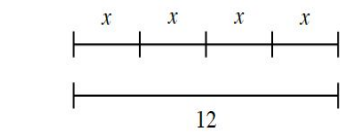
4-41. On the graph below, draw axes, decide on a scale, and plot points to represent the data in the table below. Does this data appear to be proportional? Explain why or why not.



Quantity x	Quantity y
2	6.3
6	18.9
9	28.35
5	15.75
1	3.15

4-42. A bag contains 4 brown marbles, 3 green marbles, 2 red marbles, and 1 purple marble. Calculate the probability of drawing each color, and write each answer as a fraction, as a percent, and as a decimal.

4-43. Each of the diagrams below represents a sequence for a tightrope walker. For each one, explain the sequence and find the length of the unknown trick.



4-44. Identify the mathematical property, operation, or idea that justifies each sequence of expressions below. Then find the value of the expression.

a. $7 \cdot 2 + 4 - 2(7 + 3)$

b. $6 \cdot 3 + 3 \cdot 4 - 8$

c. $(8 + (-12)) + 10 + 2$

4-45. Write three different sentences that could describe the relationship between the quantities below.

\$27, \$81