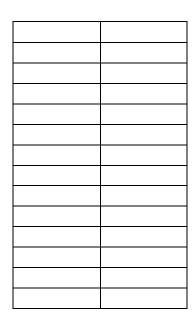
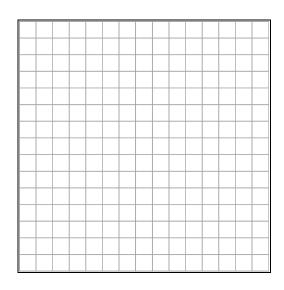


Graphing Proportional Relationships Use What You've Learned

Use each of the following methods to solve the two problems shown below:

- Create a table
- · Create a graph
- · Write and solve an equation
- 1. Morgan bought trail mix at Roots Market that cost \$4.00 for 8 ounces. How much will it cost to buy 38 ounces?





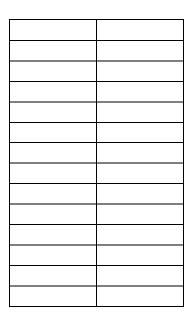
- 2. Equation:
- 3. Explain why this is a proportional relationship.

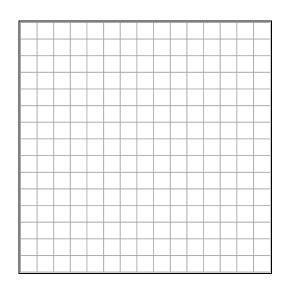




Graphing Proportional Relationships Use What You've Learned

4. Colt drove 70 miles and used $3\frac{1}{2}$ gallons of gas. How many gallons will he use if he drives 175 miles?





5. Equation:

6. Explain why this is a proportional relationship.

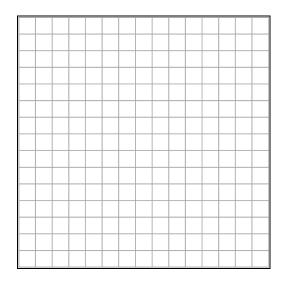


Graphing Proportional Relationships Use What You've Learned

Study the following table:

Х	3	4.5	5	8	10
у	7.5	11.25	12.5	20	25

7. Create a graph to represent this data.



- 8. Write an equation showing the relationship between x and y.
- 9. Does this table represent a proportional relationship? Explain your reasoning.
- 10. Create an everyday problem to match the data.