

Graphing Worksheet

1. Would the relationship of powdered mix to water change if Greg wanted to make 10 gallons of energy drink? Why?
 - What if he wanted to make 20 gallons?
 - What if he wanted to make 50 gallons?
2. Use colored tiles to demonstrate this relationship. Color this relationship on centimeter grid paper.
3. Create a table to log this relationship.

4. Predict how much powdered mix and water Greg would need if he wanted to make 100 gallons for the season.
5. What is the relationship between the quantities of powdered mix and water?
6. How much powdered mix will he need to buy?
7. Graph this relationship. Justify your reasoning.