**ANSWERS**

# Volume Calculations: Dragon Punch # 2

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|---|---|---|
| **Liquid volume** is the quantity of three-dimensional space that liquid occupies at rest. | G (PP) (PP) (PQ) (PQ) | This gallon chart shows smaller units of measurement that form one gallon. |

Some examples:
1 gallon = 8 pints
1 quart = 2 pints
1 pint = 2 cups
1 cup = 8 fluid ounces

**Student processes may vary.**

Serves 16 (serving size is 8 fluid ounces)

## Dragon Punch Recipe

**Ingredients:**

2 pints of green ice cream

2 quarts of cold fruit punch

1 quart of cold lemon-lime soda

**Directions:**

Scoop the ice cream into the punch bowl. Then, pour in the fruit punch and soda.

**Directions:** You will have 60 people at your party. Use the "Dragon Punch Recipe" to help you answer the liquid volume questions below.

1. How many gallons of punch will you have with one recipe?

**2pt ice cream = 1qt**
**1 qt ice cream + 2qt fruit punch + 1qt soda**
**4qts total = 1 gal**

2. How many times will you have to make this recipe in order to have enough punch for everyone at the party?

**16 serving**
**x 4**
**64 servings**

**4 times**

3. How many gallons of punch do you need if everyone at the party has one serving?

**1 gallon for 16 servings**
**1 gal a recipe x 4 times =**

**4 gallons of Dragon Punch**

4. How many cups of ice cream will you need to have enough punch to serve everyone at your party?

**2 pt ice cream x 2 cups = 4 cups**

**4c ice cream x 4 = 16 cups of ice cream**