



# Homework

Use what you have learned about converting U.S. customary units of volume to solve these problems.

$$\begin{aligned} 2 \text{ cups} &= 1 \text{ pint} \\ 2 \text{ pints} &= 1 \text{ quart} \\ 4 \text{ quarts} &= 1 \text{ gallon} \end{aligned}$$

- Ms. Alfonso is making lemonade in a 5-gallon container for the class picnic. She is using a recipe that makes a 2-quart pitcher of lemonade. Fill in the table below to show how the volume of the lemonade changed each time Ms. Alfonso added a 2-quart pitcher to the 5-gallon container.

**Volume of Lemonade**

Number of Recipes	Quarts	Gallons
1	2	$\frac{1}{2}$
2		1
3	6	
4		2
5		$2\frac{1}{2}$
6	12	
7		
8		4
10		
12	24	