Homework

Use what you have learned about converting U.S. customary units of volume to solve these problems.
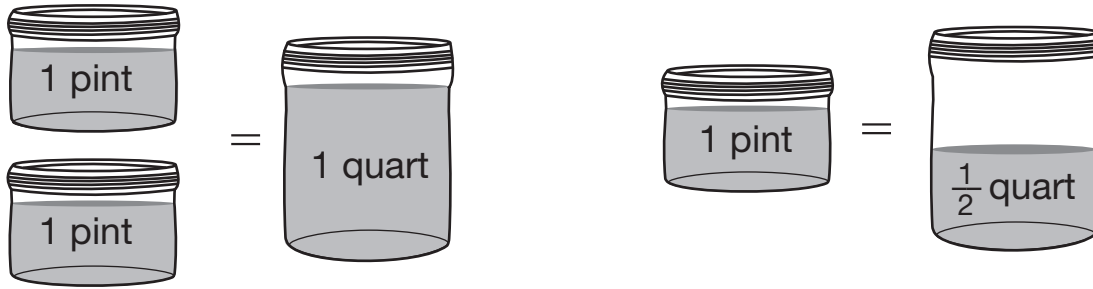
<div align="center">

2 cups = 1 pint
2 pints = 1 quart
4 quarts = 1 gallon

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1. 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	

2. Nisha drew a picture to show that there were 2 pints in a quart. She used her picture to show Fern that there is $\frac{1}{2}$ of a quart in 1 pint. Use Nisha's strategy to show the number of gallons in 1 quart. Your answer will be a fraction.

3. Romesh was helping his mom in the kitchen. She asked him to measure 1 cup of sugar for a recipe. Romesh could find only a pint container. Show or tell how Romesh can use the pint container to measure 1 cup of sugar.