

Computing Amounts of Liquid

- 1 Convert this recipe so that the amounts are in cups.

1 quart orange juice = _____ cups orange juice

3 pints grapefruit juice = _____ cups grapefruit juice

$\frac{1}{2}$ quart pineapple juice = _____ cups pineapple juice

$\frac{1}{2}$ pint papaya juice = _____ cup papaya juice

- 2 Complete this table so that each column contains equivalent amounts.

Cups	1	2	3					8	
Pints	$\frac{1}{2}$				$2\frac{1}{2}$				
Quarts	$\frac{1}{4}$			1		$1\frac{1}{2}$	$1\frac{3}{4}$		10

- 3 Solve.

Allen drank 1 liter of water, Josh drank 2 pints of water, and Alex drank 3 cups of water. Praveen drank the least water and Ross drank the most. How much water might Ross and Praveen have had?

Ross:

Praveen:
