Name _____   Date _____

Converting Units of Capacity Problems - Step-by-Step Lesson

Let's take a quick look at the gallon of milk in your refrigerator. Your cabinet is full of pint glasses. You want to fill as many glasses as you can. How many pint glasses can you fill with a gallon of milk?

You know that there are 4 quarts in a gallon. You also know that there are 2 pints in a quart.

Fill in the correct number.

1 gallon = _____ pints.

Explanation:

Step 1) Let's start with what we already know.

1 Gallon = 4 quarts   1 quart = 2 pints

Step 2) We know that we have 4 quarts. Now we just need to convert that to pints.

$\frac{1\ quart}{4\ quarts} = \frac{2\ pints}{x\ pints}$ Solve for x.

8 = x

1 gal = 8 pt

So, the answer is 8 pints.