



Capacity & Volume: Volume and Capacity Word Problems

Grade 3

Name: _____

Solve volume and capacity word problems.

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


Example: Remember these conversions: • 2 cups = 1 pint • 2 pints = 1 quart • 4 quarts = 1 gallon


- (1) A large pitcher holds 9 gallons of water. How many quarts of water does it hold?



- (2) A recipe calls for 9 quarts of milk. How many pints of milk is that? 

- (3) A jug contains 9 pints of juice. How many cups of juice are in the jug? 

- (4) A water cooler has 9 gallons of water. How many pints of water does it hold? 

- (5) A large pot holds 9 quarts of soup. How many cups of soup does it hold? 



(6) Sarah has 9 pints of orange juice. Tom has 19 cups of apple juice. Who has more juice? 🍊

(7) A bucket holds 9 quarts of water. If I add 6 pints of water, how many quarts are in the bucket now? 🪣

(8) A baker used 36 cups of milk for a recipe. How many quarts of milk did they use? 👩‍🍳

(9) A family drinks 2 gallons of milk in a week. How many pints of milk do they drink in 9 weeks? 🥛

(10) A large container can hold 9 gallons of water. If it already has 19 quarts of water, how many more quarts can it hold? 🌊

