



Capacity & Volume: Volume and Capacity Word Problems






Grade 5

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 water cooler holds 8 gallons of water. How many quarts of water does it hold?
-
- (2)  Sarah's recipe calls for 5 quarts of milk. How many pints of milk does she need?
-
- (3)  A small juice box contains 3 pints of juice. How many cups of juice are in the box?
-
- (4)  Emily drank 12 cups of water on Monday and 10 cups on Tuesday. Did she drink more or less than 6 quarts in total?
-
- (5)  A farmer collects 4 gallons of fresh apple cider. He wants to bottle it in pint-sized containers. How many pint containers can he fill?
-



(6) 🚗 John bought 15 quarts of motor oil. How many full gallons of oil did he buy, and how many quarts were left over?

(7) 🍊 A school cafeteria prepared 48 cups of orange juice for breakfast. How many quarts of orange juice did they prepare?

(8) 🌱 A gardener uses 2 gallons and 3 quarts of water for her plants. How many total quarts of water does she use?

(9) ☕ A coffee shop brews 6 quarts of coffee every morning. How many gallons of coffee do they brew in 5 days?

(10) 🍹 A punch bowl holds 3 gallons. If 8 pints of punch have been served, how many quarts of punch are left?

