## Converting U.S. and Metric Volumes (G)

## Convert each volume.

1 cup = 0.237 liters $1 pint = 0.473 liters$ $1 liter = 0.264 gallons$	1 liter = $4.227$ cups 1 liter = $1.057$ quarts 1 gallon = $3.785$ liters	1  liter = 2.113  pints $1  quart = 0.946  liters$
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1. How many quarts are in 10 liters?

2. How many liters are in 21 pints?

3. How many pints are in 1 liter?

4. How many liters are in 6 gallons?

5. How many liters are in 9 quarts?

6. How many gallons are in 37 liters?

7. How many cups are in 2 liters?

8. How many liters are in 40 cups?

9. How many quarts are in 4 liters?

10. How many liters are in 18 pints?

## Converting U.S. and Metric Volumes (G) Answers

## Convert each volume.

 $\begin{array}{lll} 1~\text{cup} = 0.237~\text{liters} & 1~\text{liter} = 4.227~\text{cups} & 1~\text{liter} = 2.113~\text{pints} \\ 1~\text{pint} = 0.473~\text{liters} & 1~\text{liter} = 1.057~\text{quarts} & 1~\text{quart} = 0.946~\text{liters} \\ 1~\text{liter} = 0.264~\text{gallons} & 1~\text{gallon} = 3.785~\text{liters} & \end{array}$ 

- 1. How many quarts are in 10 liters?

  10.57 quarts
- 2. How many liters are in 21 pints?
  9.933 liters

- 3. How many pints are in 1 liter?2.113 pints
- 4. How many liters are in 6 gallons?

  22.71 liters

- 5. How many liters are in 9 quarts?
  8.514 liters
- 6. How many gallons are in 37 liters?
  9.768 gallons

- 7. How many cups are in 2 liters?
  8.454 cups
- 8. How many liters are in 40 cups?
  9.48 liters

- 9. How many quarts are in 4 liters?
  4.228 quarts
- 10. How many liters are in 18 pints?
  8.514 liters