Converting U.S. and Metric Volumes (I)

Convert each volume.

1 cup = 0.237 liters $1 pint = 0.473 liters$ $1 liter = 0.264 gallons$	$1 ext{ liter} = 4.227 ext{ cups}$ $1 ext{ liter} = 1.057 ext{ quarts}$ $1 ext{ gallon} = 3.785 ext{ liters}$	1 liter = 2.113 pints 1 quart = 0.946 liters
1 fitter = 0.204 gainons	1 gamon = 3.765 mers	

1. How many quarts are in 10 liters?

2. How many liters are in 6 pints?

3. How many pints are in 4 liters?

4. How many liters are in 6 gallons?

5. How many liters are in 9 quarts?

6. How many gallons are in 24 liters?

7. How many cups are in 5 liters?

8. How many liters are in 17 cups?

9. How many quarts are in 8 liters?

10. How many liters are in 7 pints?

Converting U.S. and Metric Volumes (I) 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 6 pints?
 2.838 liters

- 3. How many pints are in 4 liters?

 8.452 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 24 liters?
 6.336 gallons

- 7. How many cups are in 5 liters?
 21.135 cups
- 8. How many liters are in 17 cups?
 4.029 liters

- 9. How many quarts are in 8 liters?
 8.456 quarts
- 10. How many liters are in 7 pints?

 3.311 liters