

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

Convert each volume.

1 milliliter = 0.034 fluid ounces	1 fluid ounce = 29.574 milliliters	1 cup = 0.237 liters
1 liter = 4.227 cups	1 liter = 2.113 pints	1 pint = 0.473 liters
1 liter = 1.057 quarts	1 quart = 0.946 liters	1 liter = 0.264 gallons
1 gallon = 3.785 liters		

1. How many quarts are in 7 liters?
2. How many gallons are in 30 liters?
3. How many pints are in 5 liters?
4. How many fluid ounces are in 143 milliliters?
5. How many liters are in 3 gallons?
6. How many milliliters are in 4 fluid ounces?
7. How many cups are in 6 liters?
8. How many liters are in 10 pints?
9. How many liters are in 10 quarts?
10. How many liters are in 21 cups?

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

Convert each volume.

1 milliliter = 0.034 fluid ounces	1 fluid ounce = 29.574 milliliters	1 cup = 0.237 liters
1 liter = 4.227 cups	1 liter = 2.113 pints	1 pint = 0.473 liters
1 liter = 1.057 quarts	1 quart = 0.946 liters	1 liter = 0.264 gallons
1 gallon = 3.785 liters		

1. How many quarts are in 7 liters?

7.399 quarts

2. How many gallons are in 30 liters?

7.92 gallons

3. How many pints are in 5 liters?

10.565 pints

4. How many fluid ounces are in 143 milliliters?

4.862 fluid ounces

5. How many liters are in 3 gallons?

11.355 liters

6. How many milliliters are in 4 fluid ounces?

118.296 milliliters

7. How many cups are in 6 liters?

25.362 cups

8. How many liters are in 10 pints?

4.73 liters

9. How many liters are in 10 quarts?

9.46 liters

10. How many liters are in 21 cups?

4.977 liters