

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

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 cups are in 3 liters?
2. How many liters are in 6 quarts?
3. How many liters are in 8 gallons?
4. How many pints are in 5 liters?
5. How many fluid ounces are in 179 milliliters?
6. How many liters are in 23 cups?
7. How many milliliters are in 4 fluid ounces?
8. How many liters are in 17 pints?
9. How many gallons are in 4 liters?
10. How many quarts are in 10 liters?

## Converting U.S. and Metric Volumes (J) 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 cups are in 3 liters?

12.681 cups

2. How many liters are in 6 quarts?

5.676 liters

3. How many liters are in 8 gallons?

30.28 liters

4. How many pints are in 5 liters?

10.565 pints

5. How many fluid ounces are in 179 milliliters?

6.086 fluid ounces

6. How many liters are in 23 cups?

5.451 liters

7. How many milliliters are in 4 fluid ounces?

118.296 milliliters

8. How many liters are in 17 pints?

8.041 liters

9. How many gallons are in 4 liters?

1.056 gallons

10. How many quarts are in 10 liters?

10.57 quarts