

Converting U.S. and Metric Volumes (A)

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 9 liters?
2. How many liters are in 28 cups?
3. How many liters are in 3 quarts?
4. How many liters are in 4 gallons?
5. How many quarts are in 10 liters?
6. How many liters are in 14 pints?
7. How many pints are in 1 liter?
8. How many gallons are in 1 liter?
9. How many fluid ounces are in 82 milliliters?
10. How many milliliters are in 2 fluid ounces?

Converting U.S. and Metric Volumes (A) Answers

Convert each volume.

1 milliliter = 0.034 fluid ounces
1 liter = 4.227 cups
1 liter = 1.057 quarts
1 gallon = 3.785 liters

1 fluid ounce = 29.574 milliliters
1 liter = 2.113 pints
1 quart = 0.946 liters

1 cup = 0.237 liters
1 pint = 0.473 liters
1 liter = 0.264 gallons

1. How many cups are in 9 liters?

38.043 cups

2. How many liters are in 28 cups?

6.636 liters

3. How many liters are in 3 quarts?

2.838 liters

4. How many liters are in 4 gallons?

15.14 liters

5. How many quarts are in 10 liters?

10.57 quarts

6. How many liters are in 14 pints?

6.622 liters

7. How many pints are in 1 liter?

2.113 pints

8. How many gallons are in 1 liter?

0.264 gallons

9. How many fluid ounces are in 82 milliliters?

2.788 fluid ounces

10. How many milliliters are in 2 fluid ounces?

59.148 milliliters