

Converting Imperial and Metric Volumes (A)

Convert each volume.

1 milliliter = 0.0352 fluid ounces	1 fluid ounce = 28.413 milliliters	1 cup = 0.284 liters
1 liter = 3.52 cups	1 liter = 1.76 pints	1 pint = 0.568 liters
1 liter = 0.88 quarts	1 quart = 1.137 liters	1 liter = 0.22 gallons
1 gallon = 4.546 liters		

1. How many liters are in 5 quarts?
2. How many cups are in 10 liters?
3. How many quarts are in 4 liters?
4. How many liters are in 8 pints?
5. How many pints are in 7 liters?
6. How many liters are in 11 cups?
7. How many fluid ounces are in 30 milliliters?
8. How many gallons are in 42 liters?
9. How many milliliters are in 1 fluid ounce?
10. How many liters are in 2 gallons?

Converting Imperial and Metric Volumes (A) Answers

Convert each volume.

1 milliliter = 0.0352 fluid ounces	1 fluid ounce = 28.413 milliliters	1 cup = 0.284 liters
1 liter = 3.52 cups	1 liter = 1.76 pints	1 pint = 0.568 liters
1 liter = 0.88 quarts	1 quart = 1.137 liters	1 liter = 0.22 gallons
1 gallon = 4.546 liters		

1. How many liters are in 5 quarts?

5.685 liters

2. How many cups are in 10 liters?

35.2 cups

3. How many quarts are in 4 liters?

3.52 quarts

4. How many liters are in 8 pints?

4.544 liters

5. How many pints are in 7 liters?

12.32 pints

6. How many liters are in 11 cups?

3.124 liters

7. How many fluid ounces are in 30 milliliters?

1.056 fluid ounces

8. How many gallons are in 42 liters?

9.24 gallons

9. How many milliliters are in 1 fluid ounce?

28.413 milliliters

10. How many liters are in 2 gallons?

9.092 liters

Converting Imperial and Metric Volumes (B)

Convert each volume.

1 milliliter = 0.0352 fluid ounces	1 fluid ounce = 28.413 milliliters	1 cup = 0.284 liters
1 liter = 3.52 cups	1 liter = 1.76 pints	1 pint = 0.568 liters
1 liter = 0.88 quarts	1 quart = 1.137 liters	1 liter = 0.22 gallons
1 gallon = 4.546 liters		

1. How many pints are in 5 liters?
2. How many liters are in 18 cups?
3. How many milliliters are in 2 fluid ounces?
4. How many gallons are in 12 liters?
5. How many liters are in 6 pints?
6. How many liters are in 3 quarts?
7. How many quarts are in 10 liters?
8. How many liters are in 8 gallons?
9. How many cups are in 9 liters?
10. How many fluid ounces are in 163 milliliters?

Converting Imperial and Metric Volumes (B) Answers

Convert each volume.

1 milliliter = 0.0352 fluid ounces	1 fluid ounce = 28.413 milliliters	1 cup = 0.284 liters
1 liter = 3.52 cups	1 liter = 1.76 pints	1 pint = 0.568 liters
1 liter = 0.88 quarts	1 quart = 1.137 liters	1 liter = 0.22 gallons
1 gallon = 4.546 liters		

1. How many pints are in 5 liters?

8.8 pints

2. How many liters are in 18 cups?

5.112 liters

3. How many milliliters are in 2 fluid ounces?

56.826 milliliters

4. How many gallons are in 12 liters?

2.64 gallons

5. How many liters are in 6 pints?

3.408 liters

6. How many liters are in 3 quarts?

3.411 liters

7. How many quarts are in 10 liters?

8.8 quarts

8. How many liters are in 8 gallons?

36.368 liters

9. How many cups are in 9 liters?

31.68 cups

10. How many fluid ounces are in 163 milliliters?

5.7376 fluid ounces

Converting Imperial and Metric Volumes (C)

Convert each volume.

1 milliliter = 0.0352 fluid ounces	1 fluid ounce = 28.413 milliliters	1 cup = 0.284 liters
1 liter = 3.52 cups	1 liter = 1.76 pints	1 pint = 0.568 liters
1 liter = 0.88 quarts	1 quart = 1.137 liters	1 liter = 0.22 gallons
1 gallon = 4.546 liters		

1. How many pints are in 3 liters?
2. How many liters are in 12 pints?
3. How many liters are in 4 quarts?
4. How many gallons are in 41 liters?
5. How many milliliters are in 8 fluid ounces?
6. How many quarts are in 5 liters?
7. How many fluid ounces are in 117 milliliters?
8. How many liters are in 6 gallons?
9. How many liters are in 1 cup?
10. How many cups are in 7 liters?

Converting Imperial and Metric Volumes (C) Answers

Convert each volume.

1 milliliter = 0.0352 fluid ounces	1 fluid ounce = 28.413 milliliters	1 cup = 0.284 liters
1 liter = 3.52 cups	1 liter = 1.76 pints	1 pint = 0.568 liters
1 liter = 0.88 quarts	1 quart = 1.137 liters	1 liter = 0.22 gallons
1 gallon = 4.546 liters		

1. How many pints are in 3 liters?

5.28 pints

2. How many liters are in 12 pints?

6.816 liters

3. How many liters are in 4 quarts?

4.548 liters

4. How many gallons are in 41 liters?

9.02 gallons

5. How many milliliters are in 8 fluid ounces?

227.304 milliliters

6. How many quarts are in 5 liters?

4.4 quarts

7. How many fluid ounces are in 117 milliliters?

4.1184 fluid ounces

8. How many liters are in 6 gallons?

27.276 liters

9. How many liters are in 1 cup?

0.284 liters

10. How many cups are in 7 liters?

24.64 cups

Converting Imperial and Metric Volumes (D)

Convert each volume.

1 milliliter = 0.0352 fluid ounces	1 fluid ounce = 28.413 milliliters	1 cup = 0.284 liters
1 liter = 3.52 cups	1 liter = 1.76 pints	1 pint = 0.568 liters
1 liter = 0.88 quarts	1 quart = 1.137 liters	1 liter = 0.22 gallons
1 gallon = 4.546 liters		

1. How many cups are in 1 liter?
2. How many liters are in 5 gallons?
3. How many liters are in 15 pints?
4. How many fluid ounces are in 261 milliliters?
5. How many liters are in 8 quarts?
6. How many pints are in 6 liters?
7. How many quarts are in 3 liters?
8. How many gallons are in 36 liters?
9. How many liters are in 35 cups?
10. How many milliliters are in 9 fluid ounces?

Converting Imperial and Metric Volumes (D) Answers

Convert each volume.

1 milliliter = 0.0352 fluid ounces	1 fluid ounce = 28.413 milliliters	1 cup = 0.284 liters
1 liter = 3.52 cups	1 liter = 1.76 pints	1 pint = 0.568 liters
1 liter = 0.88 quarts	1 quart = 1.137 liters	1 liter = 0.22 gallons
1 gallon = 4.546 liters		

1. How many cups are in 1 liter?

3.52 cups

2. How many liters are in 5 gallons?

22.73 liters

3. How many liters are in 15 pints?

8.52 liters

4. How many fluid ounces are in 261 milliliters?

9.1872 fluid ounces

5. How many liters are in 8 quarts?

9.096 liters

6. How many pints are in 6 liters?

10.56 pints

7. How many quarts are in 3 liters?

2.64 quarts

8. How many gallons are in 36 liters?

7.92 gallons

9. How many liters are in 35 cups?

9.94 liters

10. How many milliliters are in 9 fluid ounces?

255.717 milliliters

Converting Imperial and Metric Volumes (E)

Convert each volume.

1 milliliter = 0.0352 fluid ounces	1 fluid ounce = 28.413 milliliters	1 cup = 0.284 liters
1 liter = 3.52 cups	1 liter = 1.76 pints	1 pint = 0.568 liters
1 liter = 0.88 quarts	1 quart = 1.137 liters	1 liter = 0.22 gallons
1 gallon = 4.546 liters		

1. How many cups are in 3 liters?
2. How many fluid ounces are in 109 milliliters?
3. How many liters are in 9 gallons?
4. How many gallons are in 35 liters?
5. How many pints are in 1 liter?
6. How many milliliters are in 7 fluid ounces?
7. How many liters are in 5 quarts?
8. How many liters are in 27 cups?
9. How many quarts are in 4 liters?
10. How many liters are in 15 pints?

Converting Imperial and Metric Volumes (E) Answers

Convert each volume.

1 milliliter = 0.0352 fluid ounces	1 fluid ounce = 28.413 milliliters	1 cup = 0.284 liters
1 liter = 3.52 cups	1 liter = 1.76 pints	1 pint = 0.568 liters
1 liter = 0.88 quarts	1 quart = 1.137 liters	1 liter = 0.22 gallons
1 gallon = 4.546 liters		

1. How many cups are in 3 liters?

10.56 cups

2. How many fluid ounces are in 109 milliliters?

3.8368 fluid ounces

3. How many liters are in 9 gallons?

40.914 liters

4. How many gallons are in 35 liters?

7.7 gallons

5. How many pints are in 1 liter?

1.76 pints

6. How many milliliters are in 7 fluid ounces?

198.891 milliliters

7. How many liters are in 5 quarts?

5.685 liters

8. How many liters are in 27 cups?

7.668 liters

9. How many quarts are in 4 liters?

3.52 quarts

10. How many liters are in 15 pints?

8.52 liters

Converting Imperial and Metric Volumes (F)

Convert each volume.

1 milliliter = 0.0352 fluid ounces	1 fluid ounce = 28.413 milliliters	1 cup = 0.284 liters
1 liter = 3.52 cups	1 liter = 1.76 pints	1 pint = 0.568 liters
1 liter = 0.88 quarts	1 quart = 1.137 liters	1 liter = 0.22 gallons
1 gallon = 4.546 liters		

1. How many fluid ounces are in 4 milliliters?
2. How many cups are in 8 liters?
3. How many gallons are in 16 liters?
4. How many liters are in 26 cups?
5. How many milliliters are in 5 fluid ounces?
6. How many quarts are in 3 liters?
7. How many liters are in 9 quarts?
8. How many liters are in 10 gallons?
9. How many liters are in 1 pint?
10. How many pints are in 6 liters?

Converting Imperial and Metric Volumes (F) Answers

Convert each volume.

1 milliliter = 0.0352 fluid ounces	1 fluid ounce = 28.413 milliliters	1 cup = 0.284 liters
1 liter = 3.52 cups	1 liter = 1.76 pints	1 pint = 0.568 liters
1 liter = 0.88 quarts	1 quart = 1.137 liters	1 liter = 0.22 gallons
1 gallon = 4.546 liters		

1. How many fluid ounces are in 4 milliliters?

0.1408 fluid ounces

2. How many cups are in 8 liters?

28.16 cups

3. How many gallons are in 16 liters?

3.52 gallons

4. How many liters are in 26 cups?

7.384 liters

5. How many milliliters are in 5 fluid ounces?

142.065 milliliters

6. How many quarts are in 3 liters?

2.64 quarts

7. How many liters are in 9 quarts?

10.233 liters

8. How many liters are in 10 gallons?

45.46 liters

9. How many liters are in 1 pint?

0.568 liters

10. How many pints are in 6 liters?

10.56 pints

Converting Imperial and Metric Volumes (G)

Convert each volume.

1 milliliter = 0.0352 fluid ounces	1 fluid ounce = 28.413 milliliters	1 cup = 0.284 liters
1 liter = 3.52 cups	1 liter = 1.76 pints	1 pint = 0.568 liters
1 liter = 0.88 quarts	1 quart = 1.137 liters	1 liter = 0.22 gallons
1 gallon = 4.546 liters		

1. How many liters are in 10 quarts?
2. How many gallons are in 40 liters?
3. How many milliliters are in 1 fluid ounce?
4. How many quarts are in 6 liters?
5. How many liters are in 4 cups?
6. How many pints are in 7 liters?
7. How many liters are in 12 pints?
8. How many cups are in 3 liters?
9. How many liters are in 8 gallons?
10. How many fluid ounces are in 193 milliliters?

Converting Imperial and Metric Volumes (G) Answers

Convert each volume.

1 milliliter = 0.0352 fluid ounces	1 fluid ounce = 28.413 milliliters	1 cup = 0.284 liters
1 liter = 3.52 cups	1 liter = 1.76 pints	1 pint = 0.568 liters
1 liter = 0.88 quarts	1 quart = 1.137 liters	1 liter = 0.22 gallons
1 gallon = 4.546 liters		

1. How many liters are in 10 quarts?

11.37 liters

2. How many gallons are in 40 liters?

8.8 gallons

3. How many milliliters are in 1 fluid ounce?

28.413 milliliters

4. How many quarts are in 6 liters?

5.28 quarts

5. How many liters are in 4 cups?

1.136 liters

6. How many pints are in 7 liters?

12.32 pints

7. How many liters are in 12 pints?

6.816 liters

8. How many cups are in 3 liters?

10.56 cups

9. How many liters are in 8 gallons?

36.368 liters

10. How many fluid ounces are in 193 milliliters?

6.7936 fluid ounces

Converting Imperial and Metric Volumes (H)

Convert each volume.

1 milliliter = 0.0352 fluid ounces	1 fluid ounce = 28.413 milliliters	1 cup = 0.284 liters
1 liter = 3.52 cups	1 liter = 1.76 pints	1 pint = 0.568 liters
1 liter = 0.88 quarts	1 quart = 1.137 liters	1 liter = 0.22 gallons
1 gallon = 4.546 liters		

1. How many milliliters are in 1 fluid ounce?
2. How many liters are in 9 pints?
3. How many liters are in 9 quarts?
4. How many fluid ounces are in 21 milliliters?
5. How many cups are in 3 liters?
6. How many liters are in 10 gallons?
7. How many gallons are in 15 liters?
8. How many pints are in 5 liters?
9. How many liters are in 29 cups?
10. How many quarts are in 4 liters?

Converting Imperial and Metric Volumes (H) Answers

Convert each volume.

1 milliliter = 0.0352 fluid ounces	1 fluid ounce = 28.413 milliliters	1 cup = 0.284 liters
1 liter = 3.52 cups	1 liter = 1.76 pints	1 pint = 0.568 liters
1 liter = 0.88 quarts	1 quart = 1.137 liters	1 liter = 0.22 gallons
1 gallon = 4.546 liters		

1. How many milliliters are in 1 fluid ounce?

28.413 milliliters

2. How many liters are in 9 pints?

5.112 liters

3. How many liters are in 9 quarts?

10.233 liters

4. How many fluid ounces are in 21 milliliters?

0.7392 fluid ounces

5. How many cups are in 3 liters?

10.56 cups

6. How many liters are in 10 gallons?

45.46 liters

7. How many gallons are in 15 liters?

3.3 gallons

8. How many pints are in 5 liters?

8.8 pints

9. How many liters are in 29 cups?

8.236 liters

10. How many quarts are in 4 liters?

3.52 quarts

Converting Imperial and Metric Volumes (I)

Convert each volume.

1 milliliter = 0.0352 fluid ounces	1 fluid ounce = 28.413 milliliters	1 cup = 0.284 liters
1 liter = 3.52 cups	1 liter = 1.76 pints	1 pint = 0.568 liters
1 liter = 0.88 quarts	1 quart = 1.137 liters	1 liter = 0.22 gallons
1 gallon = 4.546 liters		

1. How many pints are in 7 liters?
2. How many milliliters are in 3 fluid ounces?
3. How many liters are in 17 cups?
4. How many quarts are in 1 liter?
5. How many fluid ounces are in 20 milliliters?
6. How many gallons are in 6 liters?
7. How many liters are in 9 quarts?
8. How many cups are in 5 liters?
9. How many liters are in 6 gallons?
10. How many liters are in 5 pints?

Converting Imperial and Metric Volumes (I) Answers

Convert each volume.

1 milliliter = 0.0352 fluid ounces	1 fluid ounce = 28.413 milliliters	1 cup = 0.284 liters
1 liter = 3.52 cups	1 liter = 1.76 pints	1 pint = 0.568 liters
1 liter = 0.88 quarts	1 quart = 1.137 liters	1 liter = 0.22 gallons
1 gallon = 4.546 liters		

1. How many pints are in 7 liters?

12.32 pints

2. How many milliliters are in 3 fluid ounces?

85.239 milliliters

3. How many liters are in 17 cups?

4.828 liters

4. How many quarts are in 1 liter?

0.88 quarts

5. How many fluid ounces are in 20 milliliters?

0.704 fluid ounces

6. How many gallons are in 6 liters?

1.32 gallons

7. How many liters are in 9 quarts?

10.233 liters

8. How many cups are in 5 liters?

17.6 cups

9. How many liters are in 6 gallons?

27.276 liters

10. How many liters are in 5 pints?

2.84 liters

Converting Imperial and Metric Volumes (J)

Convert each volume.

1 milliliter = 0.0352 fluid ounces	1 fluid ounce = 28.413 milliliters	1 cup = 0.284 liters
1 liter = 3.52 cups	1 liter = 1.76 pints	1 pint = 0.568 liters
1 liter = 0.88 quarts	1 quart = 1.137 liters	1 liter = 0.22 gallons
1 gallon = 4.546 liters		

1. How many gallons are in 27 liters?
2. How many liters are in 21 cups?
3. How many liters are in 2 quarts?
4. How many liters are in 8 gallons?
5. How many liters are in 8 pints?
6. How many fluid ounces are in 12 milliliters?
7. How many milliliters are in 5 fluid ounces?
8. How many cups are in 3 liters?
9. How many quarts are in 10 liters?
10. How many pints are in 4 liters?

Converting Imperial and Metric Volumes (J) Answers

Convert each volume.

1 milliliter = 0.0352 fluid ounces	1 fluid ounce = 28.413 milliliters	1 cup = 0.284 liters
1 liter = 3.52 cups	1 liter = 1.76 pints	1 pint = 0.568 liters
1 liter = 0.88 quarts	1 quart = 1.137 liters	1 liter = 0.22 gallons
1 gallon = 4.546 liters		

1. How many gallons are in 27 liters?

5.94 gallons

2. How many liters are in 21 cups?

5.964 liters

3. How many liters are in 2 quarts?

2.274 liters

4. How many liters are in 8 gallons?

36.368 liters

5. How many liters are in 8 pints?

4.544 liters

6. How many fluid ounces are in 12 milliliters?

0.4224 fluid ounces

7. How many milliliters are in 5 fluid ounces?

142.065 milliliters

8. How many cups are in 3 liters?

10.56 cups

9. How many quarts are in 10 liters?

8.8 quarts

10. How many pints are in 4 liters?

7.04 pints