Solve each problem.

1) 4 quarts and 6 pints = _______ pints

2) 7 pints and 9 cups = _______ cups

3) 2 gallons and 8 quarts = _______ quarts

4) 6 quarts and 9 pints = _______ pints

5) 1 pint and 1 cup = _______ cups

6) 6 gallons and 3 quarts = _______ quarts

7) 10 quarts and 5 pints = _______ pints

8) 2 pints and 2 cups = _______ cups

9) 10 gallons and 2 quarts = _______ quarts

10) 4 quarts and 2 pints = _______ pints

11) 9 pints and 2 cups = _______ cups

12) 6 gallons and 4 quarts = _______ quarts
Solve each problem.

1) 4 quarts and 6 pints = _____ pints

2) 7 pints and 9 cups = _____ cups

3) 2 gallons and 8 quarts = _____ quarts

4) 6 quarts and 9 pints = _____ pints

5) 1 pint and 1 cup = _____ cups

6) 6 gallons and 3 quarts = _____ quarts

7) 10 quarts and 5 pints = _____ pints

8) 2 pints and 2 cups = _____ cups

9) 10 gallons and 2 quarts = _____ quarts

10) 4 quarts and 2 pints = _____ pints

11) 9 pints and 2 cups = _____ cups

12) 6 gallons and 4 quarts = _____ quarts
Solve each problem.

1) 9 quarts and 4 pints = _______ pints

2) 5 pints and 5 cups = _______ cups

3) 5 gallons and 2 quarts = _______ quarts

4) 3 quarts and 9 pints = _______ pints

5) 7 pints and 5 cups = _______ cups

6) 8 gallons and 3 quarts = _______ quarts

7) 7 quarts and 4 pints = _______ pints

8) 2 pints and 3 cups = _______ cups

9) 6 gallons and 5 quarts = _______ quarts

10) 3 quarts and 3 pints = _______ pints

11) 8 pints and 7 cups = _______ cups

12) 3 gallons and 2 quarts = _______ quarts
Solve each problem.

1) 9 quarts and 4 pints = ___22___ pints

2) 5 pints and 5 cups = ___15___ cups

3) 5 gallons and 2 quarts = ___22___ quarts

4) 3 quarts and 9 pints = ___15___ pints

5) 7 pints and 5 cups = ___19___ cups

6) 8 gallons and 3 quarts = ___35___ quarts

7) 7 quarts and 4 pints = ___18___ pints

8) 2 pints and 3 cups = ___7___ cups

9) 6 gallons and 5 quarts = ___29___ quarts

10) 3 quarts and 3 pints = ___9___ pints

11) 8 pints and 7 cups = ___23___ cups

12) 3 gallons and 2 quarts = ___14___ quarts
Solve each problem.

1) 9 quarts and 3 pints = _______ pints

2) 7 pints and 1 cup = _______ cups

3) 3 gallons and 4 quarts = _______ quarts

4) 8 quarts and 6 pints = _______ pints

5) 3 pints and 9 cups = _______ cups

6) 10 gallons and 9 quarts = _______ quarts

7) 10 quarts and 7 pints = _______ pints

8) 5 pints and 4 cups = _______ cups

9) 2 gallons and 1 quart = _______ quarts

10) 7 quarts and 3 pints = _______ pints

11) 1 pint and 8 cups = _______ cups

12) 4 gallons and 9 quarts = _______ quarts
Solve each problem.

1) 9 quarts and 3 pints = 21 pints

2) 7 pints and 1 cup = 15 cups

3) 3 gallons and 4 quarts = 16 quarts

4) 8 quarts and 6 pints = 22 pints

5) 3 pints and 9 cups = 15 cups

6) 10 gallons and 9 quarts = 49 quarts

7) 10 quarts and 7 pints = 27 pints

8) 5 pints and 4 cups = 14 cups

9) 2 gallons and 1 quart = 9 quarts

10) 7 quarts and 3 pints = 17 pints

11) 1 pint and 8 cups = 10 cups

12) 4 gallons and 9 quarts = 25 quarts
Solve each problem.

1) 3 quarts and 7 pints = _______ pints

2) 4 pints and 6 cups = _______ cups

3) 2 gallons and 1 quart = _______ quarts

4) 8 quarts and 7 pints = _______ pints

5) 6 pints and 1 cup = _______ cups

6) 7 gallons and 7 quarts = _______ quarts

7) 5 quarts and 4 pints = _______ pints

8) 9 pints and 7 cups = _______ cups

9) 4 gallons and 1 quart = _______ quarts

10) 6 quarts and 8 pints = _______ pints

11) 3 pints and 7 cups = _______ cups

12) 5 gallons and 3 quarts = _______ quarts
## Solve each problem.

1) 3 quarts and 7 pints = **13** pints

2) 4 pints and 6 cups = **14** cups

3) 2 gallons and 1 quart = **9** quarts

4) 8 quarts and 7 pints = **23** pints

5) 6 pints and 1 cup = **13** cups

6) 7 gallons and 7 quarts = **35** quarts

7) 5 quarts and 4 pints = **14** pints

8) 9 pints and 7 cups = **25** cups

9) 4 gallons and 1 quart = **17** quarts

10) 6 quarts and 8 pints = **20** pints

11) 3 pints and 7 cups = **13** cups

12) 5 gallons and 3 quarts = **23** quarts
<table>
<thead>
<tr>
<th>Solve each problem.</th>
<th>Answers</th>
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<tbody>
<tr>
<td>1) 9 quarts and 8 pints = _____ pints</td>
<td>1.</td>
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<td>2) 1 pint and 8 cups = _____ cups</td>
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<td>3) 5 gallons and 9 quarts = _____ quarts</td>
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<td>4) 6 quarts and 1 pint = _____ pints</td>
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<td>5) 5 pints and 4 cups = _____ cups</td>
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<td>6) 8 gallons and 5 quarts = _____ quarts</td>
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<td>7) 5 quarts and 6 pints = _____ pints</td>
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<td>8) 4 pints and 5 cups = _____ cups</td>
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<td>9) 9 gallons and 3 quarts = _____ quarts</td>
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<td>10) 2 quarts and 4 pints = _____ pints</td>
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<td>11) 4 pints and 9 cups = _____ cups</td>
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<tr>
<td>12) 7 gallons and 5 quarts = _____ quarts</td>
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</tbody>
</table>
### Converting Mixed American Volume

**Solve each problem.**

1) 9 quarts and 8 pints = 26 pints

2) 1 pint and 8 cups = 10 cups

3) 5 gallons and 9 quarts = 29 quarts

4) 6 quarts and 1 pint = 13 pints

5) 5 pints and 4 cups = 14 cups

6) 8 gallons and 5 quarts = 37 quarts

7) 5 quarts and 6 pints = 16 pints

8) 4 pints and 5 cups = 13 cups

9) 9 gallons and 3 quarts = 39 quarts

10) 2 quarts and 4 pints = 8 pints

11) 4 pints and 9 cups = 17 cups

12) 7 gallons and 5 quarts = 33 quarts

### Answers

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<td>12</td>
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</tbody>
</table>
Solve each problem.

1) 9 quarts and 4 pints = ________ pints

2) 7 pints and 7 cups = ________ cups

3) 2 gallons and 1 quart = ________ quarts

4) 6 quarts and 2 pints = ________ pints

5) 7 pints and 1 cup = ________ cups

6) 4 gallons and 8 quarts = ________ quarts

7) 8 quarts and 7 pints = ________ pints

8) 4 pints and 6 cups = ________ cups

9) 4 gallons and 4 quarts = ________ quarts

10) 2 quarts and 8 pints = ________ pints

11) 10 pints and 3 cups = ________ cups

12) 1 gallon and 3 quarts = ________ quarts

Answers

1.

2.

3.

4.

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7.

8.

9.

10.

11.

12.
Solve each problem.

1) 9 quarts and 4 pints = 22 pints

2) 7 pints and 7 cups = 21 cups

3) 2 gallons and 1 quart = 9 quarts

4) 6 quarts and 2 pints = 14 pints

5) 7 pints and 1 cup = 15 cups

6) 4 gallons and 8 quarts = 24 quarts

7) 8 quarts and 7 pints = 23 pints

8) 4 pints and 6 cups = 14 cups

9) 4 gallons and 4 quarts = 20 quarts

10) 2 quarts and 8 pints = 12 pints

11) 10 pints and 3 cups = 23 cups

12) 1 gallon and 3 quarts = 7 quarts
Solve each problem.

1) 7 quarts and 5 pints = _______ pints

2) 8 pints and 4 cups = _______ cups

3) 4 gallons and 2 quarts = _______ quarts

4) 4 quarts and 4 pints = _______ pints

5) 8 pints and 7 cups = _______ cups

6) 8 gallons and 1 quart = _______ quarts

7) 2 quarts and 8 pints = _______ pints

8) 2 pints and 7 cups = _______ cups

9) 2 gallons and 1 quart = _______ quarts

10) 8 quarts and 7 pints = _______ pints

11) 2 pints and 2 cups = _______ cups

12) 8 gallons and 6 quarts = _______ quarts

<table>
<thead>
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<th>Answers</th>
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<tbody>
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<td>1. _______</td>
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<td>11. _______</td>
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<td>12. _______</td>
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</table>
### Solve each problem.

1. 7 quarts and 5 pints = **19** pints
2. 8 pints and 4 cups = **20** cups
3. 4 gallons and 2 quarts = **18** quarts
4. 4 quarts and 4 pints = **12** pints
5. 8 pints and 7 cups = **23** cups
6. 8 gallons and 1 quart = **33** quarts
7. 2 quarts and 8 pints = **12** pints
8. 2 pints and 7 cups = **11** cups
9. 2 gallons and 1 quart = **9** quarts
10. 8 quarts and 7 pints = **23** pints
11. 2 pints and 2 cups = **6** cups
12. 8 gallons and 6 quarts = **38** quarts

### Answers

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</tbody>
</table>
Solve each problem.

1) 6 quarts and 4 pints = _______ pints

2) 1 pint and 7 cups = _______ cups

3) 1 gallon and 7 quarts = _______ quarts

4) 10 quarts and 5 pints = _______ pints

5) 8 pints and 6 cups = _______ cups

6) 6 gallons and 4 quarts = _______ quarts

7) 7 quarts and 8 pints = _______ pints

8) 8 pints and 9 cups = _______ cups

9) 3 gallons and 4 quarts = _______ quarts

10) 6 quarts and 9 pints = _______ pints

11) 5 pints and 7 cups = _______ cups

12) 9 gallons and 7 quarts = _______ quarts

Answers

1. _______
2. _______
3. _______
4. _______
5. _______
6. _______
7. _______
8. _______
9. _______
10. _______
11. _______
12. _______

Solve each problem.

1) 6 quarts and 4 pints = 16 pints

2) 1 pint and 7 cups = 9 cups

3) 1 gallon and 7 quarts = 11 quarts

4) 10 quarts and 5 pints = 25 pints

5) 8 pints and 6 cups = 22 cups

6) 6 gallons and 4 quarts = 28 quarts

7) 7 quarts and 8 pints = 22 pints

8) 8 pints and 9 cups = 25 cups

9) 3 gallons and 4 quarts = 16 quarts

10) 6 quarts and 9 pints = 21 pints

11) 5 pints and 7 cups = 17 cups

12) 9 gallons and 7 quarts = 43 quarts
1) 8 quarts and 1 pint = ______ pints

2) 1 pint and 2 cups = ______ cups

3) 1 gallon and 4 quarts = ______ quarts

4) 10 quarts and 9 pints = ______ pints

5) 9 pints and 5 cups = ______ cups

6) 4 gallons and 9 quarts = ______ quarts

7) 1 quart and 7 pints = ______ pints

8) 7 pints and 3 cups = ______ cups

9) 7 gallons and 1 quart = ______ quarts

10) 10 quarts and 6 pints = ______ pints

11) 6 pints and 6 cups = ______ cups

12) 9 gallons and 4 quarts = ______ quarts
# Converting Mixed American Volume

## Solve each problem.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Equation</th>
<th>Answer</th>
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<tbody>
<tr>
<td>1)</td>
<td>8 quarts and 1 pint = _____ pints</td>
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<tr>
<td>2)</td>
<td>1 pint and 2 cups = _____ cups</td>
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<tr>
<td>3)</td>
<td>1 gallon and 4 quarts = _____ quarts</td>
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<td>4)</td>
<td>10 quarts and 9 pints = _____ pints</td>
<td>29</td>
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<td>5)</td>
<td>9 pints and 5 cups = _____ cups</td>
<td>23</td>
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<td>6)</td>
<td>4 gallons and 9 quarts = _____ quarts</td>
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<tr>
<td>7)</td>
<td>1 quart and 7 pints = _____ pints</td>
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</tr>
<tr>
<td>8)</td>
<td>7 pints and 3 cups = _____ cups</td>
<td>17</td>
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<tr>
<td>9)</td>
<td>7 gallons and 1 quart = _____ quarts</td>
<td>29</td>
</tr>
<tr>
<td>10)</td>
<td>10 quarts and 6 pints = _____ pints</td>
<td>26</td>
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<tr>
<td>11)</td>
<td>6 pints and 6 cups = _____ cups</td>
<td>18</td>
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<tr>
<td>12)</td>
<td>9 gallons and 4 quarts = _____ quarts</td>
<td>40</td>
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</tbody>
</table>
Solve each problem.

1) 4 quarts and 7 pints = _______ pints

2) 6 pints and 9 cups = _______ cups

3) 3 gallons and 4 quarts = _______ quarts

4) 3 quarts and 2 pints = _______ pints

5) 3 pints and 7 cups = _______ cups

6) 3 gallons and 8 quarts = _______ quarts

7) 7 quarts and 6 pints = _______ pints

8) 5 pints and 5 cups = _______ cups

9) 10 gallons and 5 quarts = _______ quarts

10) 5 quarts and 3 pints = _______ pints

11) 7 pints and 1 cup = _______ cups

12) 1 gallon and 8 quarts = _______ quarts

Answers

1. _______

2. _______

3. _______

4. _______

5. _______

6. _______

7. _______

8. _______

9. _______

10. _______

11. _______

12. _______
Solve each problem.

1) 4 quarts and 7 pints = 15 pints
2) 6 pints and 9 cups = 21 cups
3) 3 gallons and 4 quarts = 16 quarts
4) 3 quarts and 2 pints = 8 pints
5) 3 pints and 7 cups = 13 cups
6) 3 gallons and 8 quarts = 20 quarts
7) 7 quarts and 6 pints = 20 pints
8) 5 pints and 5 cups = 15 cups
9) 10 gallons and 5 quarts = 45 quarts
10) 5 quarts and 3 pints = 13 pints
11) 7 pints and 1 cup = 15 cups
12) 1 gallon and 8 quarts = 12 quarts

Answers
1. 15
2. 21
3. 16
4. 8
5. 13
6. 20
7. 20
8. 15
9. 45
10. 13
11. 15
12. 12