Solve each problem.

1) 1 yard and 2 feet = _______ feet

2) 6 feet and 10 inches = _______ inches

3) 5 yards and 7 feet = _______ feet

4) 10 feet and 5 inches = _______ inches

5) 9 yards and 9 feet = _______ feet

6) 4 feet and 3 inches = _______ inches

7) 9 yards and 11 feet = _______ feet

8) 10 feet and 2 inches = _______ inches

9) 8 yards and 1 foot = _______ feet

10) 10 feet and 1 inch = _______ inches

11) 4 yards and 4 feet = _______ feet

12) 8 feet and 9 inches = _______ inches

Solve each problem.

Converting Mixed American Lengths

Math www.CommonCoreSheets.com

Name:

Answers

1. _______

2. _______

3. _______

4. _______

5. _______

6. _______

7. _______

8. _______

9. _______

10. _______

11. _______

12. _______
Solve each problem.

1) 1 yard and 2 feet = \( 5 \) feet

2) 6 feet and 10 inches = \( 82 \) inches

3) 5 yards and 7 feet = \( 22 \) feet

4) 10 feet and 5 inches = \( 125 \) inches

5) 9 yards and 9 feet = \( 36 \) feet

6) 4 feet and 3 inches = \( 51 \) inches

7) 9 yards and 11 feet = \( 38 \) feet

8) 10 feet and 2 inches = \( 122 \) inches

9) 8 yards and 1 foot = \( 25 \) feet

10) 10 feet and 1 inch = \( 121 \) inches

11) 4 yards and 4 feet = \( 16 \) feet

12) 8 feet and 9 inches = \( 105 \) inches

---

**Answers**

1. \( 5 \)
2. \( 82 \)
3. \( 22 \)
4. \( 125 \)
5. \( 36 \)
6. \( 51 \)
7. \( 38 \)
8. \( 122 \)
9. \( 25 \)
10. \( 121 \)
11. \( 16 \)
12. \( 105 \)
Solve each problem.

1) 3 yards and 2 feet = _______ feet

2) 6 feet and 5 inches = _______ inches

3) 10 yards and 2 feet = _______ feet

4) 3 feet and 4 inches = _______ inches

5) 9 yards and 4 feet = _______ feet

6) 5 feet and 10 inches = _______ inches

7) 5 yards and 9 feet = _______ feet

8) 3 feet and 10 inches = _______ inches

9) 7 yards and 3 feet = _______ feet

10) 6 feet and 7 inches = _______ inches

11) 10 yards and 7 feet = _______ feet

12) 5 feet and 11 inches = _______ inches
Solve each problem.

1) \(3 \text{ yards and 2 feet} = \underline{11} \text{ feet}\)

2) \(6 \text{ feet and 5 inches} = \underline{77} \text{ inches}\)

3) \(10 \text{ yards and 2 feet} = \underline{32} \text{ feet}\)

4) \(3 \text{ feet and 4 inches} = \underline{40} \text{ inches}\)

5) \(9 \text{ yards and 4 feet} = \underline{31} \text{ feet}\)

6) \(5 \text{ feet and 10 inches} = \underline{70} \text{ inches}\)

7) \(5 \text{ yards and 9 feet} = \underline{24} \text{ feet}\)

8) \(3 \text{ feet and 10 inches} = \underline{46} \text{ inches}\)

9) \(7 \text{ yards and 3 feet} = \underline{24} \text{ feet}\)

10) \(6 \text{ feet and 7 inches} = \underline{79} \text{ inches}\)

11) \(10 \text{ yards and 7 feet} = \underline{37} \text{ feet}\)

12) \(5 \text{ feet and 11 inches} = \underline{71} \text{ inches}\)
Solve each problem.

1) 8 yards and 4 feet = _______ feet

2) 2 feet and 4 inches = _______ inches

3) 6 yards and 5 feet = _______ feet

4) 6 feet and 4 inches = _______ inches

5) 8 yards and 8 feet = _______ feet

6) 9 feet and 8 inches = _______ inches

7) 4 yards and 11 feet = _______ feet

8) 2 feet and 1 inch = _______ inches

9) 3 yards and 7 feet = _______ feet

10) 8 feet and 6 inches = _______ inches

11) 6 yards and 4 feet = _______ feet

12) 9 feet and 7 inches = _______ inches
Solve each problem.

1) 8 yards and 4 feet = 28 feet

2) 2 feet and 4 inches = 28 inches

3) 6 yards and 5 feet = 23 feet

4) 6 feet and 4 inches = 76 inches

5) 8 yards and 8 feet = 32 feet

6) 9 feet and 8 inches = 116 inches

7) 4 yards and 11 feet = 23 feet

8) 2 feet and 1 inch = 25 inches

9) 3 yards and 7 feet = 16 feet

10) 8 feet and 6 inches = 102 inches

11) 6 yards and 4 feet = 22 feet

12) 9 feet and 7 inches = 115 inches
### Solve each problem.

1) 8 yards and 5 feet = _______ feet

2) 10 feet and 4 inches = _______ inches

3) 5 yards and 7 feet = _______ feet

4) 10 feet and 8 inches = _______ inches

5) 5 yards and 3 feet = _______ feet

6) 4 feet and 7 inches = _______ inches

7) 7 yards and 11 feet = _______ feet

8) 7 feet and 5 inches = _______ inches

9) 7 yards and 8 feet = _______ feet

10) 4 feet and 11 inches = _______ inches

11) 3 yards and 3 feet = _______ feet

12) 10 feet and 7 inches = _______ inches
Solve each problem.

1) 8 yards and 5 feet = 29 feet

2) 10 feet and 4 inches = 124 inches

3) 5 yards and 7 feet = 22 feet

4) 10 feet and 8 inches = 128 inches

5) 5 yards and 3 feet = 18 feet

6) 4 feet and 7 inches = 55 inches

7) 7 yards and 11 feet = 32 feet

8) 7 feet and 5 inches = 89 inches

9) 7 yards and 8 feet = 29 feet

10) 4 feet and 11 inches = 59 inches

11) 3 yards and 3 feet = 12 feet

12) 10 feet and 7 inches = 127 inches
### Converting Mixed American Lengths

Solve each problem.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Conversion</th>
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<td>1)</td>
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</tr>
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<td>11)</td>
<td>6 yards and 6 feet = _____ feet</td>
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<tr>
<td>12)</td>
<td>3 feet and 1 inch = _____ inches</td>
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</tbody>
</table>
Solve each problem.

1) 8 yards and 2 feet = 26 feet

2) 10 feet and 4 inches = 124 inches

3) 6 yards and 1 foot = 19 feet

4) 5 feet and 7 inches = 67 inches

5) 4 yards and 11 feet = 23 feet

6) 5 feet and 11 inches = 71 inches

7) 2 yards and 5 feet = 11 feet

8) 6 feet and 6 inches = 78 inches

9) 10 yards and 2 feet = 32 feet

10) 7 feet and 10 inches = 94 inches

11) 6 yards and 6 feet = 24 feet

12) 3 feet and 1 inch = 37 inches
Solve each problem.

1. 3 yards and 9 feet = _______ feet
2. 6 feet and 11 inches = _______ inches
3. 2 yards and 1 foot = _______ feet
4. 9 feet and 5 inches = _______ inches
5. 9 yards and 6 feet = _______ feet
6. 9 feet and 9 inches = _______ inches
7. 1 yard and 2 feet = _______ feet
8. 7 feet and 1 inch = _______ inches
9. 5 yards and 8 feet = _______ feet
10. 2 feet and 6 inches = _______ inches
11. 7 yards and 2 feet = _______ feet
12. 5 feet and 11 inches = _______ inches

Converting Mixed American Lengths

Math www.CommonCoreSheets.com

Name:

Answers
Solve each problem.

1) 3 yards and 9 feet = 18 feet

2) 6 feet and 11 inches = 83 inches

3) 2 yards and 1 foot = 7 feet

4) 9 feet and 5 inches = 113 inches

5) 9 yards and 6 feet = 33 feet

6) 9 feet and 9 inches = 117 inches

7) 1 yard and 2 feet = 5 feet

8) 7 feet and 1 inch = 85 inches

9) 5 yards and 8 feet = 23 feet

10) 2 feet and 6 inches = 30 inches

11) 7 yards and 2 feet = 23 feet

12) 5 feet and 11 inches = 71 inches
Solve each problem.

1) 3 yards and 10 feet = _______ feet

2) 8 feet and 10 inches = _______ inches

3) 9 yards and 1 foot = _______ feet

4) 1 foot and 8 inches = _______ inches

5) 10 yards and 9 feet = _______ feet

6) 1 foot and 10 inches = _______ inches

7) 8 yards and 11 feet = _______ feet

8) 8 feet and 11 inches = _______ inches

9) 10 yards and 10 feet = _______ feet

10) 5 feet and 2 inches = _______ inches

11) 9 yards and 5 feet = _______ feet

12) 3 feet and 9 inches = _______ inches
### Converting Mixed American Lengths

#### Solve each problem.

1) 3 yards and 10 feet = **19** feet

2) 8 feet and 10 inches = **106** inches

3) 9 yards and 1 foot = **28** feet

4) 1 foot and 8 inches = **20** inches

5) 10 yards and 9 feet = **39** feet

6) 1 foot and 10 inches = **22** inches

7) 8 yards and 11 feet = **35** feet

8) 8 feet and 11 inches = **107** inches

9) 10 yards and 10 feet = **40** feet

10) 5 feet and 2 inches = **62** inches

11) 9 yards and 5 feet = **32** feet

12) 3 feet and 9 inches = **45** inches

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Solve each problem.

1) 6 yards and 3 feet = _______ feet

2) 9 feet and 3 inches = _______ inches

3) 4 yards and 10 feet = _______ feet

4) 9 feet and 8 inches = _______ inches

5) 2 yards and 11 feet = _______ feet

6) 5 feet and 2 inches = _______ inches

7) 9 yards and 11 feet = _______ feet

8) 3 feet and 11 inches = _______ inches

9) 10 yards and 2 feet = _______ feet

10) 6 feet and 10 inches = _______ inches

11) 5 yards and 10 feet = _______ feet

12) 1 foot and 5 inches = _______ inches
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<td>2 yards and 11 feet = 17 feet</td>
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<td>10)</td>
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<td>11)</td>
<td>5 yards and 10 feet = 25 feet</td>
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<td>12)</td>
<td>1 foot and 5 inches = 17 inches</td>
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</table>
Solve each problem.

1) 9 yards and 3 feet = _______ feet

2) 10 feet and 4 inches = _______ inches

3) 8 yards and 9 feet = _______ feet

4) 4 feet and 7 inches = _______ inches

5) 1 yard and 10 feet = _______ feet

6) 10 feet and 11 inches = _______ inches

7) 4 yards and 10 feet = _______ feet

8) 4 feet and 5 inches = _______ inches

9) 10 yards and 8 feet = _______ feet

10) 5 feet and 8 inches = _______ inches

11) 6 yards and 6 feet = _______ feet

12) 7 feet and 8 inches = _______ inches
Solve each problem.

1) 9 yards and 3 feet = \(30\) feet

2) 10 feet and 4 inches = \(124\) inches

3) 8 yards and 9 feet = \(33\) feet

4) 4 feet and 7 inches = \(55\) inches

5) 1 yard and 10 feet = \(13\) feet

6) 10 feet and 11 inches = \(131\) inches

7) 4 yards and 10 feet = \(22\) feet

8) 4 feet and 5 inches = \(53\) inches

9) 10 yards and 8 feet = \(38\) feet

10) 5 feet and 8 inches = \(68\) inches

11) 6 yards and 6 feet = \(24\) feet

12) 7 feet and 8 inches = \(92\) inches
Solve each problem.

1) 1 yard and 2 feet = _______ feet

2) 10 feet and 3 inches = _______ inches

3) 10 yards and 1 foot = _______ feet

4) 8 feet and 5 inches = _______ inches

5) 5 yards and 2 feet = _______ feet

6) 5 feet and 1 inch = _______ inches

7) 10 yards and 5 feet = _______ feet

8) 2 feet and 11 inches = _______ inches

9) 6 yards and 5 feet = _______ feet

10) 8 feet and 6 inches = _______ inches

11) 6 yards and 4 feet = _______ feet

12) 3 feet and 6 inches = _______ inches
Solve each problem.

1) 1 yard and 2 feet = ____ feet

2) 10 feet and 3 inches = ____ inches

3) 10 yards and 1 foot = ____ feet

4) 8 feet and 5 inches = ____ inches

5) 5 yards and 2 feet = ____ feet

6) 5 feet and 1 inch = ____ inches

7) 10 yards and 5 feet = ____ feet

8) 2 feet and 11 inches = ____ inches

9) 6 yards and 5 feet = ____ feet

10) 8 feet and 6 inches = ____ inches

11) 6 yards and 4 feet = ____ feet

12) 3 feet and 6 inches = ____ inches

Answers

1. 5
2. 123
3. 31
4. 101
5. 17
6. 61
7. 35
8. 35
9. 23
10. 102
11. 22
12. 42