

U.S. Customary unit conversion with mixed number values: One-step conversion: Worksheet 9.3

Name Date Score

Fill in the blanks to make the conversions true.

1. $3\frac{1}{3}$ feet = ____ inches
2. $7\frac{1}{3}$ yards = ____ feet
3. $12\frac{1}{2}$ feet = ____ yards
4. $112\frac{1}{4}$ ounces = ____ pounds
5. $10\frac{3}{4}$ pounds = ____ ounces
6. $7\frac{1}{2}$ gallons = ____ quarts
7. $8\frac{1}{3}$ quarts = ____ pints
8. $10\frac{1}{7}$ weeks = ____ days
9. $6\frac{1}{10}$ tons = ____ pounds
10. $16\frac{1}{2}$ cups = ____ pints



Solutions: Worksheet 9.3

1. $3\frac{1}{3}$ feet = 40 inches
2. $7\frac{1}{3}$ yards = 22 feet
3. $12\frac{1}{2}$ feet = $4\frac{1}{6}$ yards
4. $112\frac{1}{4}$ ounces = $7\frac{1}{64}$ pounds
5. $10\frac{3}{4}$ pounds = 172 ounces
6. $7\frac{1}{2}$ gallons = 30 quarts
7. $8\frac{1}{2}$ quarts = 17 pints
8. $10\frac{1}{7}$ weeks = 71 days
9. $6\frac{1}{10}$ tons = 12,200 pounds
10. $16\frac{1}{2}$ cups = $8\frac{1}{4}$ pints

