

Study Guide

Integration: Measurement Changing Customary Units

Customary Units	
Weight	Liquid Capacity
1 pound (lb) = 16 ounces (oz) 1 ton (T) = 2,000 pounds	1 cup (c) = 8 fluid ounces (fl oz) 1 pint (pt) = 2 cups 1 quart (qt) = 2 pints 1 gallon (1 gal) = 4 quarts

To change from larger units to smaller units, multiply.

Example 1 $5\frac{1}{2}$ lb = _____ oz *larger unit* → *smaller unit*

$$5\frac{1}{2} \times 16 = 88 \quad \text{Multiply to change from pounds to ounces.}$$

$$5\frac{1}{2} \text{ lb} = 88 \text{ oz}$$

To change from smaller units to larger units, divide.

Example 2 28 fl oz = _____ c *smaller unit* → *larger unit*

$$28 \div 8 = 3\frac{1}{2} \quad \text{Divide to change from quarts to gallons.}$$

$$28 \text{ fl oz} = 3\frac{1}{2} \text{ c}$$

Complete.

1. 4 lb = _____ oz

2. 3 T = _____ lb

3. 5 c = _____ fl oz

4. 40 oz = _____ lb

5. 5,000 lb = _____ T

6. 2 pt = _____ c

7. 1.5 lb = _____ oz

8. 10 pt = _____ qt

9. 12 qt = _____ gal

10. 2.5 pt = _____ c

11. 1.5 gal = _____ qt

12. 3.5 qt = _____ pt

13. 12 fl oz = _____ c

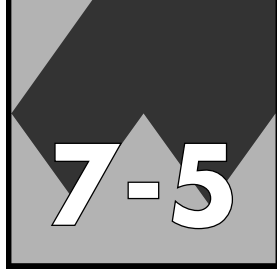
14. 24 oz = _____ lb

15. 7 c = _____ fl oz

16. 3 gal = _____ qt

17. 5.5 T = _____ lb

18. 48 fl oz = _____ c



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Complete.

1. 4 lb = _____ oz **64** 2. 3 T = _____ lb **6,000** 3. 5 c = _____ fl oz **40**

4. 40 oz = _____ lb **$2\frac{1}{2}$** 5. 5,000 lb = _____ T **$2\frac{1}{2}$** 6. 2 pt = _____ c **4**

7. 1.5 lb = _____ oz **24** 8. 10 pt = _____ qt **5** 9. 12 qt = _____ gal **3**

10. 2.5 pt = _____ c **5** 11. 1.5 gal = _____ qt **6** 12. 3.5 qt = _____ pt **7**

13. 12 fl oz = _____ c **$1\frac{1}{2}$** 14. 24 oz = _____ lb **$1\frac{1}{2}$** 15. 7 c = _____ fl oz **56**

16. 3 gal = _____ qt **12** 17. 5.5 T = _____ lb **11,000** 18. 48 fl oz = _____ c **6**