



## Convert liquid volume units (with decimals)

### Grade 5 Measurement Worksheet

Note: 1 gallon (gal) = 4 quarts (qt) = 8 pints (pt) = 16 cups (c) = 128 fluid ounces (fl oz)

Convert the given measures to new units.

1. 9.4 qt = \_\_\_\_\_ gal      2. 74 fl oz = \_\_\_\_\_ gal

3. 16.5 pt = \_\_\_\_\_ qt      4. 4.5 c = \_\_\_\_\_ fl oz

5. 146 pt = \_\_\_\_\_ gal      6. 118 gal = \_\_\_\_\_ qt

7. 10.5 gal = \_\_\_\_\_ pt      8. 7.7 qt = \_\_\_\_\_ fl oz

9. 14.2 pt = \_\_\_\_\_ gal      10. 180 gal = \_\_\_\_\_ fl oz

11. 87 qt = \_\_\_\_\_ pt      12. 89 gal = \_\_\_\_\_ pt

13. 144 c = \_\_\_\_\_ pt      14. 81 qt = \_\_\_\_\_ c

15. 161 pt = \_\_\_\_\_ gal      16. 11 gal = \_\_\_\_\_ qt



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Note: 1 gallon (gal) = 4 quarts (qt) = 8 pints (pt) = 16 cups (c) = 128 fluid ounces (fl oz)

Convert the given measures to new units.

1. 9.4 qt = 2.35 gal gal      2. 74 fl oz = 0.5781 gal gal

3. 16.5 pt = 8.25 qt qt      4. 4.5 c = 36.0 fl oz fl oz

5. 146 pt = 18.25 gal gal      6. 118 gal = 472 qt qt

7. 10.5 gal = 84.0 pt pt      8. 7.7 qt = 246.4 fl oz fl oz

9. 14.2 pt = 1.775 gal gal      10. 180 gal = 23,040 fl oz fl oz

11. 87 qt = 174 pt pt      12. 89 gal = 712 pt pt

13. 144 c = 72 pt pt      14. 81 qt = 324 c c

15. 161 pt = 20.125 gal gal      16. 11 gal = 44 qt qt