



Converting capacities between customary and metric units

Grade 5 Measurement Worksheet

Convert these volumes to the metric units shown.

1. 18 gal = _____ ml
2. 75 pt = _____ l
3. 22 pt = _____ ml
4. 8 gal = _____ l
5. 51 qt = _____ ml
6. 41 gal = _____ l
7. 10 c = _____ ml
8. 97 pt = _____ ml
9. 21 gal = _____ l
10. 75 fl oz = _____ ml

Convert these volumes to the customary units shown.

11. 50 ml = _____ pt
 12. 54 l = _____ pt
 13. 4 l = _____ qt
 14. 14 l = _____ c
 15. 18 ml = _____ c
 16. 7 l = _____ qt
 17. 46 l = _____ fl oz
 18. 50 ml = _____ pt
 19. 69 ml = _____ qt
 20. 96 l = _____ fl oz
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Convert these volumes to the metric units shown.

1. 18 gal = 68,137.412 ml
2. 75 pt = 35.488 l
3. 22 pt = 10,409.882 ml
4. 8 gal = 30.283 l
5. 51 qt = 48,264.000 ml
6. 41 gal = 155.202 l
7. 10 c = 2,365.882 ml
8. 97 pt = 45,898.118 ml
9. 21 gal = 79.494 l
10. 75 fl oz = 2,218.015 ml

Convert these volumes to the customary units shown.

11. 50 ml = 0.106 pt
 12. 54 l = 114.122 pt
 13. 4 l = 4.227 qt
 14. 14 l = 59.175 c
 15. 18 ml = 0.076 c
 16. 7 l = 7.397 qt
 17. 46 l = 1,555.445 fl oz
 18. 50 ml = 0.106 pt
 19. 69 ml = 0.073 qt
 20. 96 l = 3,246.146 fl oz
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