



Converting capacities between customary and metric units

Grade 5 Measurement Worksheet

Convert these volumes to the metric units shown.

1. 11 qt = _____ ml
2. 5 gal = _____ ml
3. 48 c = _____ l
4. 18 pt = _____ l
5. 65 qt = _____ ml
6. 34 gal = _____ l
7. 69 fl oz = _____ l
8. 11 c = _____ l
9. 50 pt = _____ l
10. 22 c = _____ ml

Convert these volumes to the customary units shown.

11. 59 ml = _____ c
12. 85 l = _____ gal
13. 35 ml = _____ c
14. 67 ml = _____ fl oz
15. 27 ml = _____ qt
16. 30 l = _____ fl oz
17. 69 ml = _____ qt
18. 42 ml = _____ qt
19. 53 l = _____ c
20. 24 ml = _____ pt



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Convert these volumes to the metric units shown.

1. 11 qt = 10,409.882 ml
2. 5 gal = 18,927.059 ml
3. 48 c = 11.356 l
4. 18 pt = 8.517 l
5. 65 qt = 61,512.941 ml
6. 34 gal = 128.704 l
7. 69 fl oz = 2.041 l
8. 11 c = 2.602 l
9. 50 pt = 23.659 l
10. 22 c = 5,204.941 ml

Convert these volumes to the customary units shown.

11. 59 ml = 0.249 c
12. 85 l = 22.455 gal
13. 35 ml = 0.148 c
14. 67 ml = 2.266 fl oz
15. 27 ml = 0.029 qt
16. 30 l = 1,014.421 fl oz
17. 69 ml = 0.073 qt
18. 42 ml = 0.044 qt
19. 53 l = 224.018 c
20. 24 ml = 0.051 pt