



Converting capacities between customary and metric units

Grade 5 Measurement Worksheet

Convert these volumes to the metric units shown.

1. 1 gal = _____ ml
2. 94 c = _____ ml
3. 86 fl oz = _____ l
4. 86 gal = _____ l
5. 92 fl oz = _____ l
6. 82 fl oz = _____ l
7. 78 pt = _____ ml
8. 80 qt = _____ l
9. 56 fl oz = _____ ml
10. 37 gal = _____ l

Convert these volumes to the customary units shown.

11. 22 ml = _____ gal
12. 74 l = _____ qt
13. 85 l = _____ c
14. 66 ml = _____ gal
15. 12 l = _____ c
16. 87 l = _____ qt
17. 57 ml = _____ c
18. 21 ml = _____ qt
19. 37 l = _____ gal
20. 58 l = _____ gal



Converting capacities between customary and metric units

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Convert these volumes to the metric units shown.

1. 1 gal = 3,785.412 ml
2. 94 c = 22,239.294 ml
3. 86 fl oz = 2.543 l
4. 86 gal = 325.545 l
5. 92 fl oz = 2.721 l
6. 82 fl oz = 2.425 l
7. 78 pt = 36,907.765 ml
8. 80 qt = 75.708 l
9. 56 fl oz = 1,656.118 ml
10. 37 gal = 140.060 l

Convert these volumes to the customary units shown.

11. 22 ml = 0.006 gal
12. 74 l = 78.195 qt
13. 85 l = 359.274 c
14. 66 ml = 0.017 gal
15. 12 l = 50.721 c
16. 87 l = 91.932 qt
17. 57 ml = 0.241 c
18. 21 ml = 0.022 qt
19. 37 l = 9.774 gal
20. 58 l = 15.322 gal