



Converting customary and metric units

Grade 5 Measurement Worksheet

Convert these measurements to the metric units shown.

1. 95 qt = _____ ml
2. 17 fl oz = _____ l
3. 81 in = _____ mm
4. 87 in = _____ km
5. 7 yd = _____ km
6. 4 yd = _____ m
7. 54 c = _____ ml
8. 27 gal = _____ ml
9. 84 yd = _____ km
10. 73 mi = _____ mm

Convert these measurements to the customary units shown.

11. 62 ml = _____ qt
12. 67 l = _____ fl oz
13. 49 mm = _____ in
14. 97 km = _____ in
15. 31 km = _____ yd
16. 61 m = _____ yd
17. 10 ml = _____ c
18. 86 ml = _____ gal
19. 69 km = _____ yd
20. 36 mm = _____ mi



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Convert these measurements to the metric units shown.

1. 95 qt = 89,903.530 ml
2. 17 fl oz = 0.503 l
3. 81 in = 2,057.400 mm
4. 87 in = 0.002 km
5. 7 yd = 0.006 km
6. 4 yd = 3.658 m
7. 54 c = 12,775.765 ml
8. 27 gal = 102,206.118 ml
9. 84 yd = 0.077 km
10. 73 mi = 117,482,112.000 mm

Convert these measurements to the customary units shown.

11. 62 ml = 0.066 qt
12. 67 l = 2,265.540 fl oz
13. 49 mm = 1.929 in
14. 97 km = 3,818,897.638 in
15. 31 km = 33,902.012 yd
16. 61 m = 66.710 yd
17. 10 ml = 0.042 c
18. 86 ml = 0.023 gal
19. 69 km = 75,459.318 yd
20. 36 mm = 0.000 mi