



## Converting customary and metric units

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### Grade 5 Measurement Worksheet

Convert these measurements to the metric units shown.

1. 37 in = \_\_\_\_\_ km
2. 48 yd = \_\_\_\_\_ mm
3. 75 qt = \_\_\_\_\_ ml
4. 5 ft = \_\_\_\_\_ m
5. 47 qt = \_\_\_\_\_ ml
6. 74 mi = \_\_\_\_\_ m
7. 68 in = \_\_\_\_\_ cm
8. 51 pt = \_\_\_\_\_ ml
9. 55 mi = \_\_\_\_\_ mm
10. 53 lb = \_\_\_\_\_ kg

Convert these measurements to the customary units shown.

11. 2 km = \_\_\_\_\_ in
12. 66 mm = \_\_\_\_\_ yd
13. 98 ml = \_\_\_\_\_ qt
14. 52 m = \_\_\_\_\_ ft
15. 56 ml = \_\_\_\_\_ qt
16. 62 m = \_\_\_\_\_ mi
17. 83 cm = \_\_\_\_\_ in
18. 60 ml = \_\_\_\_\_ pt
19. 21 mm = \_\_\_\_\_ mi
20. 80 kg = \_\_\_\_\_ lb



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### Grade 5 Measurement Worksheet

Convert these measurements to the metric units shown.

1. 37 in = 0.001 km
2. 48 yd = 43,891.200 mm
3. 75 qt = 70,976.471 ml
4. 5 ft = 1.524 m
5. 47 qt = 44,478.588 ml
6. 74 mi = 119,091.456 m
7. 68 in = 172.720 cm
8. 51 pt = 24,132.000 ml
9. 55 mi = 88,513,920.000 mm
10. 53 lb = 24.040 kg

Convert these measurements to the customary units shown.

11. 2 km = 78,740.157 in
12. 66 mm = 0.072 yd
13. 98 ml = 0.104 qt
14. 52 m = 170.604 ft
15. 56 ml = 0.059 qt
16. 62 m = 0.039 mi
17. 83 cm = 32.677 in
18. 60 ml = 0.127 pt
19. 21 mm = 0.000 mi
20. 80 kg = 176.370 lb