



# Converting lengths between customary and metric units

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## Grade 5 Measurement Worksheet

Convert these lengths to the metric units shown.

1. 77 yd = \_\_\_\_\_ mm
2. 88 ft = \_\_\_\_\_ m
3. 84 yd = \_\_\_\_\_ cm
4. 47 yd = \_\_\_\_\_ mm
5. 57 in = \_\_\_\_\_ mm
6. 63 ft = \_\_\_\_\_ mm
7. 66 yd = \_\_\_\_\_ mm
8. 14 yd = \_\_\_\_\_ m
9. 42 yd = \_\_\_\_\_ mm
10. 29 in = \_\_\_\_\_ m

Convert these lengths to the customary units shown.

11. 86 cm = \_\_\_\_\_ in
12. 19 cm = \_\_\_\_\_ yd
13. 31 m = \_\_\_\_\_ in
14. 98 m = \_\_\_\_\_ yd
15. 83 m = \_\_\_\_\_ in
16. 82 m = \_\_\_\_\_ in
17. 22 m = \_\_\_\_\_ ft
18. 40 mm = \_\_\_\_\_ in
19. 47 mm = \_\_\_\_\_ yd
20. 14 cm = \_\_\_\_\_ yd



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### Grade 5 Measurement Worksheet

Convert these lengths to the metric units shown.

1. 77 yd = 70,408.800 mm
2. 88 ft = 26.822 m
3. 84 yd = 7,680.960 cm
4. 47 yd = 42,976.800 mm
5. 57 in = 1,447.800 mm
6. 63 ft = 19,202.400 mm
7. 66 yd = 60,350.400 mm
8. 14 yd = 12.802 m
9. 42 yd = 38,404.800 mm
10. 29 in = 0.737 m

Convert these lengths to the customary units shown.

11. 86 cm = 33.858 in
12. 19 cm = 0.208 yd
13. 31 m = 1,220.472 in
14. 98 m = 107.174 yd
15. 83 m = 3,267.717 in
16. 82 m = 3,228.346 in
17. 22 m = 72.178 ft
18. 40 mm = 1.575 in
19. 47 mm = 0.051 yd
20. 14 cm = 0.153 yd