



# Converting lengths between customary and metric units

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## Grade 5 Measurement Worksheet

Convert these lengths to the metric units shown.

1. 17 ft = \_\_\_\_\_ cm
2. 97 ft = \_\_\_\_\_ m
3. 33 ft = \_\_\_\_\_ mm
4. 82 ft = \_\_\_\_\_ m
5. 86 yd = \_\_\_\_\_ m
6. 87 yd = \_\_\_\_\_ m
7. 42 ft = \_\_\_\_\_ mm
8. 29 ft = \_\_\_\_\_ m
9. 68 yd = \_\_\_\_\_ m
10. 34 in = \_\_\_\_\_ cm

Convert these lengths to the customary units shown.

11. 89 mm = \_\_\_\_\_ in
12. 78 cm = \_\_\_\_\_ yd
13. 16 m = \_\_\_\_\_ ft
14. 25 m = \_\_\_\_\_ ft
15. 66 m = \_\_\_\_\_ ft
16. 17 m = \_\_\_\_\_ in
17. 44 mm = \_\_\_\_\_ ft
18. 58 mm = \_\_\_\_\_ ft
19. 50 m = \_\_\_\_\_ in
20. 34 m = \_\_\_\_\_ ft



# Converting lengths between customary and metric units

## Grade 5 Measurement Worksheet

Convert these lengths to the metric units shown.

- 17 ft = 518.160 cm
- 97 ft = 29.566 m
- 33 ft = 10,058.400 mm
- 82 ft = 24.994 m
- 86 yd = 78.638 m
- 87 yd = 79.553 m
- 42 ft = 12,801.600 mm
- 29 ft = 8.839 m
- 68 yd = 62.179 m
- 34 in = 86.360 cm

Convert these lengths to the customary units shown.

- 89 mm = 3.504 in
- 78 cm = 0.853 yd
- 16 m = 52.493 ft
- 25 m = 82.021 ft
- 66 m = 216.535 ft
- 17 m = 669.291 in
- 44 mm = 0.144 ft
- 58 mm = 0.190 ft
- 50 m = 1,968.504 in
- 34 m = 111.549 ft