



# Metric units of length: kilometers, meters, centimeters and millimeters

## Grade 5 Measurement Worksheet

Note: 1 kilometer (km) = 1,000 meter (m)  
1 m = 100 centimeters (cm) = 1,000 millimeters (mm)

Convert to the units shown:

1. 31 m = \_\_\_\_\_ mm      2. 28 m = \_\_\_\_\_ mm

3. 72 m = \_\_\_\_\_ cm      4. 27 m = \_\_\_\_\_ cm

5. 16 cm = \_\_\_\_\_ mm      6. 59 m = \_\_\_\_\_ mm

7. 77 m = \_\_\_\_\_ mm      8. 94 m = \_\_\_\_\_ cm

9. 48 m = \_\_\_\_\_ cm      10. 62 m = \_\_\_\_\_ cm

Convert to the units shown:

11. 8,000 mm = \_\_\_\_\_ m      12. 3,000 mm = \_\_\_\_\_ m

13. 9,000 mm = \_\_\_\_\_ m      14. 3,000 mm = \_\_\_\_\_ cm

15. 1,000 mm = \_\_\_\_\_ m      16. 6,000 cm = \_\_\_\_\_ m

17. 6,000 mm = \_\_\_\_\_ cm      18. 9,000 mm = \_\_\_\_\_ cm

19. 2,000 cm = \_\_\_\_\_ m      20. 7,000 cm = \_\_\_\_\_ m



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Note: 1 kilometer (km) = 1,000 meter (m)  
1 m = 100 centimeters (cm) = 1,000 millimeters (mm)

Convert to the units shown:

- 31 m = 31,000 mm
- 28 m = 28,000 mm
- 72 m = 7,200 cm
- 27 m = 2,700 cm
- 16 cm = 160 mm
- 59 m = 59,000 mm
- 77 m = 77,000 mm
- 94 m = 9,400 cm
- 48 m = 4,800 cm
- 62 m = 6,200 cm

Convert to the units shown:

- 8,000 mm = 8 m
- 3,000 mm = 3 m
- 9,000 mm = 9 m
- 3,000 mm = 300 cm
- 1,000 mm = 1 m
- 6,000 cm = 60 m
- 6,000 mm = 600 cm
- 9,000 mm = 900 cm
- 2,000 cm = 20 m
- 7,000 cm = 70 m