



# Math Worksheet for 5th Grade

## Converting metric units

Name: \_\_\_\_\_

Due Date: \_\_\_\_\_

Teacher: \_\_\_\_\_

Parent Sign: \_\_\_\_\_

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1. Convert 5 meters to centimeters.
2. Convert 1,200 centimeters to meters.
3. How many millimeters are in 3 centimeters?
4. Convert 2.5 meters to centimeters.
5. Convert 0.75 kilometers to meters.
6. Convert 4,500 meters to kilometers.
7. Convert 12,000 millimeters to meters.
8. How many centimeters are in 1.2 meters?
9. Convert 7 kilometers to meters.
10. Convert 3,450 centimeters to meters.
11. Convert 250 centimeters to meters.
12. A ribbon is 385 centimeters long. Express its length in meters.
13. A puddle is 45 centimeters deep. Express this depth in meters.
14. Convert 2,750 centimeters to meters.
15. Convert 999 centimeters to meters.
16. A door is 210 centimeters tall. How tall is it in meters?
17. A swimming pool lane is 2,500 centimeters long. How many meters is that?
18. A snake is 145 centimeters long. How many meters is that?
19. A poster is 85 centimeters wide. How many meters is that?
20. A bookshelf plank is 180 centimeters long. How many meters is that?
21. Sam ran 3.2 kilometers. How many meters did he run?
22. Lena walked 750 meters, then walked 1.25 kilometers more. What is the total distance in meters?
23. A road sign shows 5 kilometers to the town. How many meters is that?
24. Convert 4,500 millimeters to meters.
25. Convert 6,543 meters to kilometers.
26. Convert 0.056 kilometers to meters.
27. A marathon is 42.195 kilometers. How many meters is a marathon?
28. Convert 15.3 centimeters to meters.
29. Convert 2,300 millimeters to centimeters.
30. Convert 0.004 kilometers to meters.

(U.S. customary ? metric – use these common conversion factors if needed: 1 inch = 2.54 cm; 1 foot = 0.3048 m; 1 yard = 0.9144 m; 1 mile = 1.60934 km.)



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31. Convert 12 inches to centimeters.
32. Convert 3 feet to centimeters.
33. Convert 6 feet to meters.
34. Convert 2 yards to meters.
35. Convert 10 miles to kilometers.
36. A book is 8 inches tall. How many centimeters tall is it?
37. A flagpole is 20 feet tall. How many meters tall is it?
38. Convert 100 yards to meters.
39. Convert 5 miles to meters.
40. Convert 24 inches to meters.
41. A hallway is 9 meters long. How many feet is that? (1 m ? 3.28084 ft)
42. A soccer field is 100 meters long. How many yards is that? (1 m ? 1.09361 yd)
43. A runner runs 2 miles. How many kilometers did the runner run?
44. The distance between two towns is 12,000 meters. How many miles is that?
45. Convert 3,000 centimeters to kilometers.
46. A table is 150 centimeters long. A carpet is 1.8 meters long. Which is longer and by how many centimeters?
47. A runner completes 5 laps on a track. One lap is 400 meters. What is the total distance in kilometers?
48. A bicycle wheel has diameter 70 centimeters. What is the diameter in meters and in millimeters?
49. Convert 125 inches to meters.
50. On a map, 1 centimeter represents 5 kilometers. Two towns are 7 centimeters apart on the map. What is the actual distance in kilometers and in meters?