

Measurement: Skill 5 - 17A

Metric Length

Test question 17A. 47 mm _____ = cm

$$47 \div 10 = 4.7$$
$$47 \text{ mm} = 4.7 \text{ cm}$$

Metric Units of Length

1 centimeter (cm) = 10 millimeters (mm)

1 meter (m) = 100 cm = 1,000 mm

1 kilometer (km) = 1,000 m

Remember, multiply to change larger units to smaller units; divide to change smaller units to larger units.

Convert Millimeters to Centimeters	Convert Centimeters to Meters	Convert Kilometers to Meters
157 mm = _____ cm $157 \div 10 = 15.7$ 157 mm = 15.7 cm	32.7 cm = _____ m $32.7 \div 100 = 0.327$ 32.7 cm = 0.327m	3.25 km = _____ m $3.25 \times 1,000 = 3,250$ 3.25 km = 3,250 m

Directions: Complete.

1. 10 cm = _____ mm

2. 100 mm = _____ cm

3. 10 m = _____ cm

4. 2,000 m = _____ km

5. 214 cm = _____ mm

6. 100 mm = _____ cm

7. 11 km = _____ m

8. 3 m = _____ mm

9. 389 mm = _____ cm

10. 243 mm = _____ cm

11. 43.8 cm = _____ m

12. 7.52 km = _____ m

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Metric Length**Directions:** Complete.

13. 43.2 cm = _____ m

14. 38 mm = _____ cm

15. 5.3 m = _____ cm

16. 8 mm = _____ cm

17. 8 km = _____ m

18. 19 cm = _____ mm

19. 312 mm = _____ cm

20. 285 m = _____ km

21. 375 mm = _____ cm

22. 22.4 cm = _____ m

23. 9.63 km = _____ m

24. 732 mm = _____ cm

25. 235 cm = _____ mm

26. 6 m = _____ cm

27. 15 km = _____ m

28. 155 mm = _____ cm

29. 42.3 cm = _____ m

30. 2.75 km = _____ m

31. 1.75 km = _____ m

32. 26.7 cm = _____ m

33. 312 mm = _____ cm

Answers: Skill 17A, Grade 5

1. 100 mm 2. 100 cm 3. 1,000 cm 4. 2 km 5. 2,140 mm 6. 10 cm 7. 11,000 m
8. 3,000 mm 9. 38.9 cm 10. 24.3 cm 11. 0.435 m 12. 7,520 m 13. 0.436 m 14. 3.8 cm
15. 530 cm 16. 0.8 cm 17. 8,000 m 18. 190 mm 19. 31.2 cm 20. 0.285 km 21. 37.5 cm
22. 0.224 m 23. 9,630 m 24. 73.2 cm 25. 2.35 mm 26. 600 cm 27. 15,000 m 28. 15.5 cm
29. 0.423 m 30. 2,750 m 31. 1,750 m 32. 0.267 m 33. 31.2 cm