

Name _____

Converting Metric Units of Length

Convert each unit.

1. 25 m = _____ cm
2. 345 cm = _____ m
3. 4.5 m = _____ cm
4. 10 m = _____ mm
5. 987 mm = _____ cm
6. 4,000 mm = _____ cm
7. 4.2 km = _____ m
8. 3 km = _____ m
9. List three measurements with different units that are equal to 5 meters.

Write $>$, $=$, or $<$ for each \bigcirc .

10. 12 cm \bigcirc 98 mm
11. 3 km \bigcirc 5,000 m
12. 800 cm \bigcirc 8 m
13. 38.5 mm \bigcirc 10 cm
14. 9,000 cm \bigcirc 2 km
15. 1,000,000 mm \bigcirc 100 m

Mount Saint Helens, a volcano, erupted on May 18, 1980. Before the eruption, Mount St. Helens was 2,950 meters high. After the eruption, it was 2,550 meters high.

16. What is the difference in height of Mount St. Helens before and after the eruption, expressed in meters? _____
17. Before the eruption, how many kilometers high was Mount St. Helens? _____
18. Which of the following is equal to 2 meters?
A 200 mm **B** 20 cm **C** 200 km **D** 2,000 mm
19. Explain how you would convert 4 m to millimeters.

