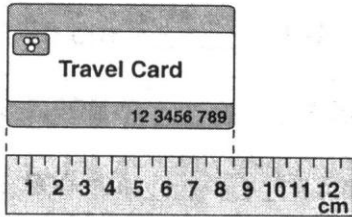


# Using Metric Units of Length

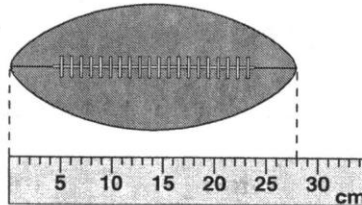
## SKILLS

1. Measure the credit card's length in centimeters.



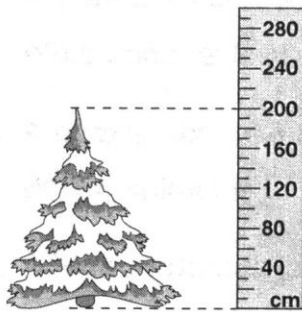
\_\_\_\_\_

2. Measure the football's length in centimeters.



\_\_\_\_\_

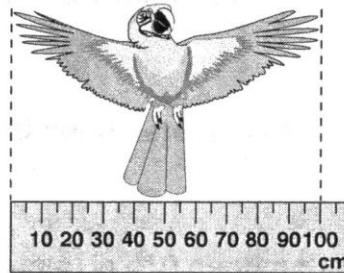
3. Measure the tree in meters.



\_\_\_\_\_

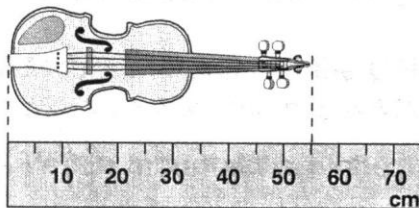
**Note:**  
100 centimeters equals 1 meter

4. Measure the bird's wingspan in centimeters.



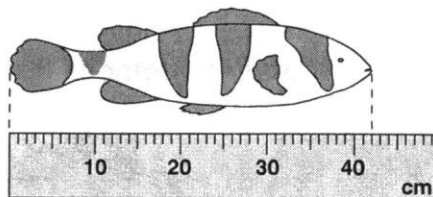
\_\_\_\_\_

5. Measure the violin's length in centimeters.



\_\_\_\_\_

6. Measure the fish in centimeters.



\_\_\_\_\_

Complete each statement.

7. 5 m = \_\_\_\_\_ cm

8. 3 dm = \_\_\_\_\_ cm

9. 400 cm = \_\_\_\_\_ m

10. 3 km = \_\_\_\_\_ m

11. 6 cm = \_\_\_\_\_ mm

12. 8,000 m = \_\_\_\_\_ km

13. 50 cm = \_\_\_\_\_ dm

14. 5 m = \_\_\_\_\_ cm

15. 2 m = \_\_\_\_\_ mm

16. 70 dm = \_\_\_\_\_ m

1 cm = 10 mm  
1 dm = 10 cm = 100 mm  
1 m = 10 dm = 100 cm  
1 km = 1000 m

# Using Metric Units of Length

## CRITICAL THINKING AND PROBLEM SOLVING

Complete each statement using  $>$ ,  $<$ , or  $=$ .

17. 20 cm \_\_\_\_\_ 1 dm

18. 1 m \_\_\_\_\_ 150 cm

19. 1,000 m \_\_\_\_\_ 1 km

20. 2,000 mm \_\_\_\_\_ 3 m

21. 500 cm \_\_\_\_\_ 40 dm

22. 60 dm \_\_\_\_\_ 6 m

23. 20 mm \_\_\_\_\_ 3 cm

24. 80 km \_\_\_\_\_ 8,000 m

25. A gorilla is 200 centimeters tall and a baboon is 1 meter tall.

Which animal is shorter? \_\_\_\_\_

26. A grizzly bear is 3 meters long. A tiger is 280 centimeters long.

Which animal is longer? \_\_\_\_\_

27. A hippopotamus is 49 decimeters long. A camel is 410 centimeters long.

Which animal is longer? \_\_\_\_\_

28. A royal python snake is about 11 meters long. A king cobra snake is 58 decimeters long.

Which snake is shorter? \_\_\_\_\_

29. Mount McKinley in the United States is over 6 kilometers high. Mount K2 in China is 8,611 meters high.

Which mountain is higher? \_\_\_\_\_

30. The Mississippi River System in the United States is 5,971 meters long. The Yangtze-Kiang River in China is over 6 kilometers long.

Which river is longer? \_\_\_\_\_

Circle the measure in each group that is different.

31. a. 5 m

32. a. 6 km

33. a. 700 mm

34. a. 20 cm

b. 500 cm

b. 60 m

b. 70 dm

b. 20 dm

c. 5 dm

c. 6,000 m

c. 7 m

c. 200 mm