

Name \_\_\_\_\_ Date \_\_\_\_\_

## Metric Units of Length

Use *mm*, *cm*, *dm*, *m*, or *km* to complete each sentence.

- The height of a mug is about 1 \_\_\_\_\_.
- The width of a computer keyboard is about 45 \_\_\_\_\_.
- The length of a wallet-size photo is about 75 \_\_\_\_\_.
- One long race in the Olympics is a distance of 10,000 \_\_\_\_\_.
- The distance between Boston, MA and New York, NY is about 160 \_\_\_\_\_.
- The length of a jumbo paper clip is about 45 \_\_\_\_\_.
- The diameter of a dinner plate is about 25 \_\_\_\_\_.
- The length of a standard baseball bat is about 1 \_\_\_\_\_.
- The length of a standard sheet of paper is about 3 \_\_\_\_\_.
- The width of a room-size carpet is about 3 \_\_\_\_\_.

Write *mm*, *cm*, *dm*, *m*, or *km* for the unit you would use to measure each.

- |                                |                                    |
|--------------------------------|------------------------------------|
| 11. height of a doorway _____  | 12. length of an ant _____         |
| 13. width of a book _____      | 14. length of a soccer field _____ |
| 15. distance to Europe _____   | 16. height of a kitten _____       |
| 17. thickness of a penny _____ | 18. width of a window _____        |

Circle the letter of the best estimate.

- |                                |          |          |          |
|--------------------------------|----------|----------|----------|
| 19. width of a piece of tape   | a. 20 dm | b. 20 cm | c. 20 mm |
| 20. height of a wall in a room | a. 3 km  | b. 3 dm  | c. 3 m   |
| 21. length of a honeybee       | a. 21 mm | b. 21 cm | c. 21 dm |
| 22. height of a bicycle        | a. 7 cm  | b. 7 dm  | c. 7 m   |

### PROBLEM SOLVING

23. Alonzo is putting a fence around his garden. Should he buy 10 dm, 10m, or 10 km of fencing? \_\_\_\_\_
24. Duong needs to tie a ribbon around her waist to complete her costume. Should she use 70 mm, 70 cm, or 70 dm of ribbon? \_\_\_\_\_