



Name _____ Date _____

Convert Metric Units of Length

CA Standards
MG 1.1, MG 1.4



A doorknob is about 1 meter high.



You can walk about a kilometer.

$$1 \text{ kilometer} = 1,000 \text{ meters}$$

Choose the unit you would use to measure each.

Write *m* for *meter* or *km* for *kilometer*.

1. the width of a sidewalk _____
2. the length of a river _____
3. how far you can swim in 1 minute _____
4. distance to the moon _____

Circle the letter of the better estimate.

- | | |
|--|--------------------------------|
| 5. distance from Chicago to Sacramento | 6. length of a baby blue whale |
| a. 300 m b. 3,000 km | a. 6 m b. 6 km |
| 7. height of a circus tent | 8. distance of a bicycle race |
| a. 30 m b. 3 km | a. 100 m b. 100 km |
| 9. height of a ship's mast | 10. height of a building |
| a. 7 m b. 7 km | a. 20 m b. 20 km |



Writing Math Suppose you measure the distance you walk by taking just a few steps. Would the most appropriate units be meters or kilometers? Explain.
