



## Homework 12-1

### Using Customary Units of Length

#### Another Look!

Below are some customary units of length and examples that could be measured using those units.



Unit	Example
1 inch (in.)	width of a U.S. quarter
1 foot (ft) = 12 inches	gym shoes
1 yard (yd) = 3 feet	height of a desk
1 mile (mi) = 5,280 feet	distance between school and home

In **1** through **12**, choose the most appropriate unit to measure the length of each. Write in., ft, yd, or mi.

- |                         |                           |
|-------------------------|---------------------------|
| 1. cat _____            | 2. lake _____             |
| 3. hallway _____        | 4. basketball court _____ |
| 5. boat _____           | 6. wallet _____           |
| 7. soccer field _____   | 8. finger bandage _____   |
| 9. computer cable _____ | 10. train route _____     |
| 11. nose _____          | 12. sea _____             |

13. Which unit would you most likely use to measure the length of a desktop?
14. Would you use the same unit to measure the height of the desk as you used to measure the length of the desktop? Explain.



15. Which unit would be most appropriate for measuring the length of a barn?

- A inches
- B pounds
- C yards
- D miles

You can use more than one unit to measure. But sometimes one unit is more appropriate to use.



16. Which is greater, 20 feet or 7 yards? Complete the table to model the answer.

<b>Yard</b>	1						
<b>Feet</b>							

17. **Explain** Explain how you would decide which unit is best for measuring the length of the cover of your math book.

18. **Construct Arguments** When measuring the length of an object, how do you decide which unit of measure to use?

19. **Estimation** What unit would you use to measure the height of your classroom door? Explain.

20. **Extend Your Thinking** How much greater is 5 miles than 8,000 yards? Explain.