

Using Different Units

- 1. A.** Nicholas needs to measure several quarts of lemonade for a recipe. He has only a 1-cup measure. Complete the function table to find the volume in cups when you know the volume in quarts.

| Input | Output |
|------------------|----------------|
| Volume in Quarts | Volume in Cups |
| 1 | 4 |
| 2 | 8 |
| 3 | |
| 4 | 16 |
| 5 | |
| 6 | 24 |

- B.** Write a rule to find the volume in cups when you know the volume in quarts.
- C.** Nicholas needs to measure 8 quarts of lemonade. How many cups is that? Show your thinking.
- D.** Nicholas now needs to measure 2.5 quarts of soda for the recipe. How many cups is that? Show your thinking.