

Correct. 25 is the correct number of cups of peanut butter required to make 100 servings of ice cream. Since 20 servings require 5 cups of peanut butter, 1 serving requires  $\frac{1}{4}$  cup of peanut butter, so 100 servings require  $100 \cdot \frac{1}{4}$ , which equals 25 cups of peanut butter.