

## Pre- and Post-Assessment

1. Phillip has to make a cheese sauce and some gravy. The sauce recipe requires  $1\frac{2}{3}$  cups of flour, and the gravy recipe requires  $\frac{5}{6}$  cup of flour for the gravy. How much total flour will she need to record on the storeroom withdrawal sheet?
  - a.  $1\frac{7}{9}$
  - b. 2
  - c.  $2\frac{1}{6}$
  - d.  $2\frac{1}{2}$
  
2. What is the most accurate unit of measurement for a bowl of chopped carrots?
  - a. Tablespoons
  - b. Pounds
  - c. Pints
  - d. Fluid ounces
  
3. A recipe requires 6 teaspoons of black pepper. What is a more accurate way to measure this amount?
  - a. 2 tablespoons
  - b.  $\frac{1}{8}$  cup
  - c. 0.0625 pint
  - d.  $\frac{1}{32}$  quart
  
4. A recipe that yields 100 servings requires 25 pounds of ground beef. If the yield is increased to 325 servings, how many pounds of ground beef would be required?
  - a. 8 pounds
  - b. 40 pounds
  - c. 57 pounds
  - d. 82 pounds

5. A recipe yields 50 servings. The cook wants to prepare 75 servings of the product and uses the factor method to adjust the recipe. What is the conversion factor?
  - a. 1.5
  - b. 5.0
  - c. 6.6
  - d. 7.5
  
6. A muffin recipe that has a yield of 500 servings requires 35 egg yolks. If there are 284 students in the first grade at Oak Park Elementary, how many eggs will the school nutrition program need to prepare this recipe?
  - a. 8
  - b. 20
  - c. 62
  - d. 625
  
7. Based on current food prices, the cost of a recipe is \$118.75. You forecast needing 125 servings. How much will a serving of this recipe contribute to the overall cost of the student meal?
  - a. \$0.85
  - b. \$0.95
  - c. \$1.05
  - d. \$1.18
  
8. The school nutrition director orders 6 cases of pre-prepared chili mac. The total invoice is \$652.50. If each case contains 5 pans with 24 servings per pan, what is the cost per unit for a pan of chili mac?
  - a. \$0.91
  - b. \$4.53
  - c. \$21.75
  - d. \$108.75

9. Pearson Elementary School served an average of 1,050 students daily. At the end of Wednesday, the manager counted 16 cartons of milk. There are 64 cartons in each crate delivered to the school. How many crates will the school need on Thursday to ensure there are enough milk cartons for every student?
- a. 15 crates
  - b. 16 crates
  - c. 17 crates
  - d. 18 crates
10. One hundred students are attending the academic awards luncheon. The menu planner has calculated that 17.5 pounds of ground beef are required for each student to receive a 2-ounce serving. Which amount is the Edible Portion (EP)?
- a. 2
  - b. 8.75
  - c. 17.5
  - d. 100

## Pre- and Post-Assessment Answer Key

- 1) d.  $2\frac{1}{2}$
- 2) b. Pounds
- 3) a. 2 tablespoons
- 4) d. 82 pounds
- 5) a. 1.5
- 6) b. 20
- 7) b. \$0.95
- 8) c. \$21.75
- 9) c. 17 crates
- 10) a. 2