



## Skill Demonstration Events "Challenge" Events

### Sample Test Questions

September, 2014



#### Consumer Math Challenge

\_\_\_\_\_ Net worth is the difference between what you own and what you owe.

- a. **True**
- b. False

\_\_\_\_\_ Louis works 5 days a week, 52 weeks a year. On each of those days, he spends \$2.68 to purchase a coffee on his way to work. If he stopped buying coffee on his way to work, how much money would he save in a year?

- a. \$160.80
- b. \$557.44
- c. \$670.00
- d. **\$696.80**

You receive weekly paychecks from your job. You received 5 paychecks in the following amounts: \$175.50, \$125.00, \$145.50, \$135.75, \$50.75. What is your

Total net pay: **\$632.50**

Average net pay: **\$126.50**

#### Culinary Math Challenge

\_\_\_\_\_ A teaspoon represents 25% of a Tablespoon.

- a. True
- b. **False**

\_\_\_\_\_ You purchase \$400 worth of food from your supplier. You pay only \$389 for the food. What percentage of discount did you receive?

- a. 2.50%
- b. **2.75%**
- c. 5.50%
- d. 11.00%

Your recipe for beef stew yields 50 portions, at a recipe cost of \$25.50. If a portion sells for \$3.29, what is your approximate food cost percent for beef stew? **15.50%**

### Early Childhood Challenge

\_\_\_\_\_ Reflexes are instinctive, involuntary reactions.

- a. **True**
- b. False

\_\_\_\_\_ When children are building towers and blocks, this is an example of what type of play?

- a. Social play
- b. Dramatic play
- c. **Constructive play**

\_\_\_\_\_ The physician who specializes in care for children and adolescents is a:

- a. Pulmonologist
- b. **Pediatrician**
- c. Primary Care Physician

### Hospitality, Tourism and Recreation Challenge

\_\_\_\_\_ A program that rewards frequent customers with free or lower-priced products may be referred to as:

- a. **Loyalty Program**
- b. Prime Program
- c. Incentive Program

\_\_\_\_\_ Copies of MSDSs for all hazardous chemicals in use at a workplace are required by OSHA. What is a MSDS?

- a. Mobile Safety Description Sheet
- b. **Material Safety Data Sheet**
- c. Manageable Solution Disposal Sheet

\_\_\_\_\_ Windows in every hotel room is an example of Barrier-Free accommodations.

- a. True
- b. **False**

### Science in FACS Challenge

\_\_\_\_\_ What is the term for the change in form of the structure of protein from a liquid to a solid?

- d. Emulsification
- e. **Coagulation**
- f. Case Hardening
- g. Adulteration

\_\_\_\_\_ Rayon is an example of a manufactured cellulose fiber.

- a. **True**
- b. False

\_\_\_\_\_ Which of the following is not part of the human reproduction system?

- a. Endometrium
- b. Epididymis
- c. **Bladder**