5

MONEY

2004A   1. You and five friends need to raise $1500 in donations for a charity, dividing the fundraising equally. How many dollars will each of you need to raise?

(A) 250   (B) 300   (C) 1500   (D) 7500   (E) 9000

2005B   1. A scout troop buys 1000 candy bars at a price of five for $2. They sell all the candy bars at a price of two for $1. What was their profit, in dollars?

(A) 100   (B) 200   (C) 300   (D) 400   (E) 500

2009A   1. One can holds 12 ounces of soda. What is the minimum number of cans needed to provide a gallon (128 ounces) of soda?

(A) 7   (B) 8   (C) 9   (D) 10   (E) 11

2009B

1. Each morning of her five-day workweek, Jane bought either a 50-cent muffin or a 75-cent bagel. Her total cost for the week was a whole number of dollars. How many bagels did she buy?

(A) 1   (B) 2   (C) 3   (D) 4   (E) 5

2011A

1. A cell phone plan costs $20 each month, plus 5¢ per text message sent, plus 10¢ for each minute used over 30 hours. In January Michelle sent 100 text messages and talked for 30.5 hours. How much did she have to pay?

(A) $24.00   (B) $24.50   (C) $25.50   (D) $28.00   (E) $30.00

2014B

1. Leah has 13 coins, all of which are pennies and nickels. If she had one more nickel than she has now, then she would have the same number of pennies and nickels. In cents, how much are Leah's coins worth?

(A) 33   (B) 35   (C) 37   (D) 39   (E) 41

2009A

2. Four coins are picked out of a piggy bank that contains a collection of pennies, nickels, dimes, and quarters. Which of the following could *not* be the total value of the four coins, in cents?

(A) 15   (B) 25   (C) 35   (D) 45   (E) 55

2017A

2. Pablo buys popsicles for his friends. The store sells single popsicles for $1 each, 3-popsicle boxes for $2, and 5-popsicle boxes for $3. What is the greatest number of popsicles that Pablo can buy with $8?

(A) 8   (B) 11   (C) 12   (D) 13   (E) 15

2004A 3. Alicia earns $20 per hour, of which 1.45% is deducted to pay local taxes. How many cents per hour of Alicia's wages are used to pay local taxes?

(A) 0.0029   (B) 0.029   (C) 0.29   (D) 2.9   (E) 29

2014A 3. Bridget bakes 48 loaves of bread for her bakery. She sells half of them in the morning for $2.50 each. In the afternoon she sells two thirds of what she has left, and because they are not fresh, she charges only half price. In the late afternoon she sells the remaining loaves at a dollar each. Each loaf costs $0.75 for her to make. In dollars, what is her profit for the day?

(A) 24   (B) 36   (C) 44   (D) 48   (E) 52

2016A 3. For every dollar Ben spent on bagels, David spent 25 cents less. Ben paid $12.50 more than David. How much did they spend in the bagel store together?

(A) $37.50   (B) $50.00   (C) $87.50   (D) $90.00   (E) $92.50

2000 4. Chandra pays an on-line service provider a fixed monthly fee plus an hourly charge for connect time. Her December bill was $12.48, but in January her bill was $17.54 because she used twice as much connect time as in December. What is the fixed monthly fee?

(A) $2.53   (B) $5.06   (C) $6.24   (D) $7.42   (E) $8.77

2008B 4. A semipro baseball league has teams with 21 players each. League rules state that a player must be paid at least $15,000, and that the total of all players' salaries for each team cannot exceed $700,000. What is the maximum possible salary, in dollars, for a single player?

(A) 270,000   (B) 385,000   (C) 400,000   (D) 430,000   (E) 700,000

2011B

4. LeRoy and Bernardo went on a week-long trip together and agreed to share the costs equally. Over the week, each of them paid for various joint expenses such as gasoline and car rental. At the end of the trip it turned out that LeRoy had paid A dollars and Bernardo had paid B dollars, where $A < B$. How many dollars must LeRoy give to Bernardo so that they share the costs equally?

(A) $\dfrac{A+B}{2}$ (B) $\dfrac{A-B}{2}$ (C) $\dfrac{B-A}{2}$ (D) $B-A$ (E) $A+B$

2005A

5. A store normally sells windows at $100 each. This week the store is offering one free window for each purchase of four. Dave needs seven windows and Doug needs eight windows. How many dollars will they save if they purchase the windows together rather than separately?

(A) 100   (B) 200   (C) 300   (D) 400   (E) 500