

6

## MONEY

- 2002A 11. Jamal wants to store 30 computer files on floppy disks, each of which has a capacity of 1.44 megabytes (mb). Three of his files require 0.8 mb of memory each, 12 more require 0.7 mb each, and the remaining 15 require 0.4 mb each. No file can be split between floppy disks. What is the minimal number of floppy disks that will hold all the files?
- (A) 12      (B) 13      (C) 14      (D) 15      (E) 16

- 2003B 12. Al, Betty, and Clare split \$1000 among them to be invested in different ways. Each begins with a different amount. At the end of one year they have a total of \$1500. Betty and Clare have both doubled their money, whereas Al has managed to lose \$100. What was Al's original portion?
- (A) \$250      (B) \$350      (C) \$400      (D) \$450      (E) \$500
- 2015A 13. Claudia has 12 coins, each of which is a 5-cent coin or a 10-cent coin. There are exactly 17 different values that can be obtained as combinations of one or more of her coins. How many 10-cent coins does Claudia have?
- (A) 3      (B) 4      (C) 5      (D) 6      (E) 7
- 2004A 14. The average value of all the pennies, nickels, dimes, and quarters in Paula's purse is 20 cents. If she had one more quarter, the average value would be 21 cents. How many dimes does she have in her purse?
- (A) 0                      (B) 1                      (C) 2                      (D) 3                      (E) 4

- 2004B 15. Patty has 20 coins consisting of nickels and dimes. If her nickels were dimes and her dimes were nickels, she would have 70 cents more. How much are her coins worth?
- (A) \$1.15      (B) \$1.20      (C) \$1.25      (D) \$1.30      (E) \$1.35