

ANSWERS

1. b. Divide the total number of hot dogs (400) by the amount in each package (8), to get the number of packages; $400 \div 8 = 50$.
2. d. Begin by adding: 12 ounces + 10 ounces = 22 ounces. Since this is not an answer choice, convert to pounds. There are 16 ounces in a pound, so 22 ounces is equal to 1 pound and 6 ounces.
3. b. Change the hours to minutes: 1 hour 40 minutes = 100 minutes; 1 hour 50 minutes = 110 minutes. Now add: 100 minutes + 110 minutes = 210 minutes. Now change back to hours and minutes: $210 \text{ minutes} \div 60 = 3.5 \text{ hours}$.
4. d. Multiply the number of members (35) by the average number of bars per person (6); $35 \times 6 = 210$.
5. a. To answer this question, subtract each amount of purchase from the \$58 she started with; $\$58 - \$18 = \$40$ and then $\$40 - \$6 = \$34$. She has \$34 left.
6. b. Add the amount of miles for each day together for a total of 696 miles; 696 rounded to the nearest ten or nearest hundred is 700.
7. c. You must subtract the reading at the beginning of the week from the reading at the end of the week: $21,053 - 20,907$ is 146.
8. b. This is a basic addition problem: 108 pounds + 27 pounds = 135 pounds.
9. c. The values added together total \$618. If you chose answer a, you forgot that the value of the handbag (\$150) must also be included in the total.
10. c. To find their total score, add their individual scores together: $189 + 120 + 120 + 95 = 524$. Don't forget to add 120 twice for both Carl and Mat.
11. c. This is a basic division problem: $46 \div 2 = 23$. Glory is 23 years old.
12. c. The total value is \$5,525. It is important to remember to include all three telephone sets (\$375 total), both computers (\$2,600 total), and both monitors (\$1,900 total) in the total value.
13. b. Add the value of the 3 sweaters ($3 \times 68 = 204$), the computer game after the rebate ($75 - 10 = 65$) and one bracelet (43); $204 + 65 + 43 = \$312$.
14. d. This is a problem of multiplication. The easiest way to solve this problem is to temporarily take away the five zeros, then multiply: $365 \times 12 = 4,380$. Now add back the five zeros for a total of 438,000,000. (If you selected answer choice a, you mistakenly divided when you should have multiplied.)