1. A radio station advertises, “Traffic every 10 minutes, 24 hours a day; 1000 reports each week.” What is the difference between the advertised number of reports and the exact number?

   A. 8     B. 12     C. 16     D. 20     E. 24

2. The average of A and 2B is 7, and the average of A and 2C is 8. What is the average of A, B, and C?

   A. 3     B. 4     C. 5     D. 6     E. 9

3. A class is exactly 40% female. When 3 male students are replaced by female students, the class becomes exactly 44% female. How many more males than females are in the original class?

   A. 10     B. 12     C. 15     D. 18     E. 20

4. A piece has 2 saxophone parts, 3 trumpet parts, and 3 trombone parts. If a band has 2 saxophonists, 3 trumpeters, and 3 trombonists, in how many ways can different parts be assigned to each player?

   A. 18     B. 72     C. 324     D. 512     E. 2916