Part 3 The Band

Choose an appropriate method to solve each of the following problems. For some questions you may need to find an exact answer, while for others you may only need an estimate. For each question, you may choose to use paper and pencil, mental math, or a calculator. Use a separate sheet of paper to explain how you solved each problem.

1. The Krinkles, a pop rock band from Chicago, toured the United States in the year 2000. Their tour van can travel about 12 miles on 1 gallon of gas. They bought about 200 gallons of gas on their tour. About how many miles did they travel?

2. If gas costs $1.50 per gallon, how much did the Krinkles spend on gas during their tour?

3. The Krinkles tour lasted 20 days. Each day the Krinkles budgeted $20 per person for food and $45 per person for a motel room. There are 5 members in the band. What was the total amount of money the band budgeted to spend on food, motel rooms, and gas?

4. On average, 300 people came to each of their concerts. Tickets were $5.00 per person at every concert.

    A. If they performed each of the 20 days of the tour, about how many people saw the Krinkles on tour?

    B. About how much money did they collect?

    C. After paying for gas, motels, and food, about how much money was left to pay the band?

    D. About how much did each member make?

    E. About how much did each band member make each day?