SNACK BAR MATH

Do you know how much your favorite baseball game meal costs when sales tax is added? At the Kalamazoo Tigers game, sales tax on food is *10 percent*.

Examples:

1. James wants to buy a bag of peanuts, which costs $2.00 plus tax. How much will the peanuts cost with tax?

   Start by multiplying the cost by 10 percent to find out the tax added:

   $2.00 x .10 = .20

   Then, add the tax to the cost:

   $2.00 + .20 = $2.20

2. Terrence wants a hot dog ($3.00) and a small soda ($3.00).

   Because this problem has two food items, add the cost of them together first:

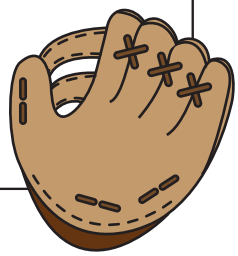
   $3.00 + $3.00 = $6.00

   Then multiply your answer by .10:

   $6.00 x .10 = .60

   Then, find the sum:

   $6.00 + .60 = $6.60



Now, find cost of food for the rest of people in line.

1. Megan wants to buy a small soda ($3.00) and a small popcorn ($2.00). How much will this cost with tax?

   $3.00 + $2.00 = $5.00; $5.00 x .10 = .50; $5.00 + .50 = $5.50

2. Stephen is buying food for himself and his brother. He wants a hot dog ($4.00) and a small soda ($3.00) and his brother wants a cheeseburger ($5.00) and a large soda ($4.00).

   $4.00 + $3.00 + $5.00 + $4.00 = $16.00; $16.00 x .10 = $1.60; $16.00 + $1.60 = $17.60

3. Amanda wants a churro ($3.50) and peanuts ($2.00).

   $3.50 + $2.00 = $5.50; $5.50 x .10 = .55; $5.50 + .55 = $6.05

4. Jamal wants a hot dog ($4.00), a churro ($3.50) and a small soda ($3.00).

   $4.00 + $3.50 + $3.00 = $10.50; $10.50 x .10 = $1.05;$10.50 + $1.05 = $11.55

5. Ricky wants to buy a hot dog for himself and for all four friends who he brought with him to the game. That's five hot dogs at $3.00 each.

   5 x $3.00 = $15.00; $15.00 x .10 = $1.50; $15.00 + $1.50 = $16.50