



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:

$$\$2.00 \times .10 = .20$$

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:

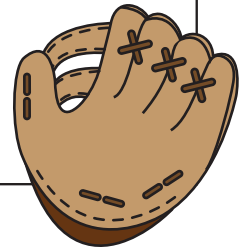
$$\$3.00 + \$3.00 = \$6.00$$

Then multiply your answer by .10:

$$\$6.00 \times .10 = .60$$

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?
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).
3. Amanda wants a churro (\$3.50) and peanuts (\$2.00).
4. Jamal wants a hot dog (\$4.00), a churro (\$3.50) and a small soda (\$3.00).
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.

