Chocolate Easter Bunny

6ᵗʰ – 8ᵗʰ Grade: Over 90 million chocolate bunnies are consumed worldwide during Easter and 89% of Americans claim that the best way to eat a chocolate bunny is to start with the ears.

Image 1: Chocolate Easter Bunny

1. Sarah has $50 to buys chocolate bunnies for her 9 grandkids. Each bunny cost $4.50, local tax for food items is 5.75%. Sarah claims that she has enough money to buy the chocolate bunnies. Do you agree or disagree with Sarah's claim? Justify your decision.

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2. Paul is making home-made chocolate bunnies. He uses plastic mold that has space for 8 bunnies. It takes 40 minutes to fill, harden and then remove the chocolate from the molds. Paul needs to make 72 chocolate bunnies. Write an equation to represent the total hours (y) needed to make (x) number of chocolate bunnies AND tell the number of hours Paul needs to make all of the bunnies.

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3. The equation $y = 4.75x – 1.20$ represents the profits (y) from selling x number of chocolate bunnies. Brigit made a profit of $9,750.55, how many bunnies did she sell? Justify your answer.

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