

Celebrating Easter

High School: Easter spending in the US is a big deal, with Americans spending over \$23 billion annually. Around 83% of people participate in Easter celebrations. Candy sales also contribute significantly, with Americans spending 3.1 billion on candy alone.

1. The average cost per person is \$189.26 for Easter. This includes food, clothing, gifts, and candy. As of the 2024 census, 304.1 million people live in the US. Based on these numbers alone, does the math support the claim that 83% of people participate in celebrating Easter? Justify your answer.

2. Jasmine has \$120 to buy a new outfit for Easter. She has selected a skirt that is 15% off and the original price is \$80. The local tax is 7%. Jasmine claims she has enough money left to purchase a blouse that cost \$45. Do you agree or disagree with Jasmine's claim? Justify your decision.

3. Miguel has invited 7 people to his Easter meal. How many different ways can everyone sit around his circular table? Justify your answer.
