

Cinco de Mayo

6th – 8th Grade: Did you know? Cindo de Mayo is to celebrate a major victory in Mexico’s history? Against a much larger force, Mexico claimed victory over France, and President Juárez declared May 5 a national holiday – leading to the first celebration of Cinco de Mayo. Today in the U.S. people celebrate with family and friends while eating Mexican food. Sam and Julio are celebrating with friends by having a taco bar. Table 1 provides a list of ingredients, and the amounts needed.

Table 1: Taco Bar

Ingredient	Amount needed for 1 Taco (in ounces)	Amount Available (in ounces)
Seasoned Ground Beef	3.0	60
Refried Beans	1.5	26
Shredded Lettuce	0.8	8
Diced Tomatoes	0.8	10
Taco Cheese	0.7	12
Sour Cream	0.9	12
Jalapeno Peppers (diced)	0.5	18
Pico de Gallo	0.8	28
Diced Onions	0.4	6
Sliced Black Olives	0.2	4

1. Julio claims that there is enough of each ingredient to only make 12 tacos. Do you agree or disagree with Julio’s claim? Justify your decision.

2. There are a total of 12 people coming to dinner. They anticipate that each person will eat 3 – 4 tacos each. How many more ounces of taco cheese does Sam and Julio need? Justify your answer.

3. Ground beef cost \$0.40 per ounce. What is the cost to purchase the amount of ground beef needed for Julio and Sam’s taco bar. Justify your answer.
