

Quiz 3 review

Name _____

A group of students were planning a picnic for the 30 members of the school newspaper club. They investigated prices for food and drink at two stores and listed their findings in a chart.

Food and Drink Prices

Item	Streamline Market		Bulky Store	
	Quantity	Cost	Quantity	Cost
Punch Drink	Six 20-ounce bottles per package	\$3.15	36-ounce bottle	\$0.99
Cola	Six 12-ounce cans	\$1.79	Twenty-four 12-ounce cans	\$6.99
Ground Beef (for hamburgers)	1 pound (makes four ¼-pound hamburgers)	\$1.89	Ten ¼-pound patties	\$4.49
Hot Dogs	1 pound (10 count)	\$1.59	2 pounds (20 count)	\$2.89
Buns	8 count package	\$0.89	12-count package	\$1.49
Potato Chips	10.5-ounce package	\$0.93	40-ounce package	\$3.45

1. Which store offers the best buy for punch? Explain how you made your choice.
2. Which store offers the best buy for cola? Explain.
3. How much would it cost to make 30 hamburger patties with ground beef purchased from Streamline?
4. How much would 30 hamburger patties cost at Bulky?
5. You need to purchase enough buns to make 30 sandwiches. Buns come in packages of 8 or 12, depending on where you shop. Where would you purchase the buns, and how much would they cost? Explain.
6. Which store offers the best buy for hot dogs? Explain.
7. The students organizing the picnic decided to provide the following for each person attending the picnic:
 - one 12-ounce can of cola
 - 1 hot dog with bun
 - 4 ounces of potato chips

The school cafeteria donated condiments (mustard, ketchup, relish, and onions), paper plates, and napkins. The students will buy each item at whichever store has the best price. How much should each person attending the picnic pay in order to cover the food expenses? Show how you determined the amount.