

Item	Price	# in Package	Item	Price	# in Package
 streamers	\$1.76 Per roll	7 ft.	 Tablecloth	\$1.15	1
 Paper cups	\$2.39	12	 Forks	\$2.27	20
 Paper Plates	\$3.19	36	 Knives	\$1.32	12
 Napkins	\$2.85	100	 sugar cookies	\$4.77	12
 Juice	\$2.76	64 oz.	 Frosting	\$1.99	16 oz.
 Sprinkles	\$3.89	1.3 oz. of 6 different types	 Cheese	\$3.49	8 oz.
 Crackers	\$2.09	10 oz.	 Vegetable Tray	\$9.99	18 servings

You are planning a cookie decorating party to celebrate Valentine's Day for the 6<sup>th</sup> grade. With 87 students, you will need to make sure you have enough supplies to provide for everyone.

1. To prepare, you will need to purchase one cookie per student. Each cookie will require 0.32 ounces of frosting and 0.078 ounces of sprinkles. How much will each cookie cost once it is complete?
2. How many containers of cookies, frosting, and sprinkles will you need to purchase? What will the total cost be for the cookie supplies?
3. How many packages of cups, napkins, and paper plates will you need? What will they cost in all?
4. Each student is served 4 oz. of juice. How many bottles of juice will you need, and how much will they cost altogether?
5. To decorate, you will need 154 feet of streamers to decorate the walls of the cafeteria. You will also need 16 tablecloths. What will be the total cost of decorations?
6. There are approximately 100 crackers in a 10 oz. box of crackers and 20 servings of cheese in an 8 oz. block of cheese. How many boxes of crackers and blocks of cheese should you buy so that every student can have at least 5 of each?
7. How many vegetable trays do you need, and how much will they cost?