The Pizza Party

Let’s imagine that your class has won a pizza party. You need to choose the best deal for your class of 30 students.

Use the following information.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 10-in pizza  1 topping  $6.50 | 14-in pizza  1 topping  $9.00 | 2 14-in pizzas  1 topping each  3 drinks  $14.00 | 3 10-in pizzas  1 topping each  3 drinks  $14.75 | 4 10-in pizzas  1 topping each  1 2-liter drink  $19.00 | 10 10-inch pizzas  1 topping each  $40.00 |

Each student will get half of a 10-inch pizza OR a fourth of a 14-inch pizza.

*The following tables will help you make decision. Fill in the information that you already know, then find the cost per person and per class.* **Option 1:**  
10-in pizza  
1 topping  
$6.50

How many people will this option feed? 2 people   
Drinks? Yes or No

|  |  |
| --- | --- |
| Number of people fed | Cost |
| 2 | $6.50 |
| 1 |  |
| 30 |  |

**Option 2:**

How many people will this option feed? \_\_\_\_\_\_\_  
Drinks? Yes or No

|  |  |
| --- | --- |
| Number of people fed | Cost |
|  |  |
| 1 |  |
| 30 |  |

**Option 3:**

How many people will this option feed? \_\_\_\_\_\_\_  
Drinks? Yes or No

|  |  |
| --- | --- |
| Number of people fed | Cost |
|  |  |
| 1 |  |
| 30 |  |

**Option 4:**

How many people will this option feed? \_\_\_\_\_\_\_  
Drinks? Yes or No

|  |  |
| --- | --- |
| Number of people fed | Cost |
|  |  |
| 1 |  |
| 30 |  |

**Option 5:**

How many people will this option feed? \_\_\_\_\_\_\_  
Drinks? Yes or No

|  |  |
| --- | --- |
| Number of people fed | Cost |
|  |  |
| 1 |  |
| 30 |  |

**Option 6:**

How many people will this option feed? \_\_\_\_\_\_\_  
Drinks? Yes or No

|  |  |
| --- | --- |
| Number of people fed | Cost |
|  |  |
| 1 |  |
| 30 |  |

What is the best deal for ordering the pizza that your class needs? Explain your reasoning.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_