

You are buying pizzas for your/your friends' quinceanera! Pizza Hut has a special where each pizza is \$8, but they have a one-time catering charge of \$80. Papa John's costs \$12 for each pizza, and \$30 for catering. Domino's is \$20 per pizza, but catering is free!

1. How many people would you plan to invite to the quinceanera? \_\_\_\_\_
2. How many pizzas do you need to order to feed your guests? \_\_\_\_\_
3. Complete the chart for the three pizza companies.

	Slope	Intercept
Pizza Hut		
Domino's		
Papa John's		

4. Complete the table for all three pizzas companies (no calculators):

# pizzas	Pizza Hut	Papa John's	Domino's
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

5. For each number of pizzas, underline which company is the cheapest.
  6. Graph all three pizza companies on the back of this paper.
7. Write a note to your parents trying to convince them which pizza company is the least expensive, depending on the number of pizzas you plan to buy. *You must use the word 'between'.*

[illegible]