



Spreadsheet Assignment #6

8th Grade Sheets



The school PTO at East Prairie is holding a spaghetti dinner to earn money. You have been asked to create a spreadsheet that will calculate the cost of the event as well as to compute the profits. Our school needs to raise \$5,000 for new computers. Make sure to answer the questions in Steps 5,6, & 7 somewhere on your spreadsheet. Turn in through Google Classroom when finished.

1. Start with a blank template in Google Sheets.
2. Set up the spreadsheet exactly as the example below. You will need to widen Column A. If you need to change the width of additional columns, adjust accordingly.
3. Format all cells that should be dollar amounts with the currency or accounting format.
4. You will need to put in formulas to find: the cost to make the dinners, the ticket sales, and profit.
5. Did you reach your goal of \$5,000?
6. If not, how many more adult tickets will get you this number? (keep the child tickets the same amount)
7. Set your numbers back to the original (200 adult, 300 child). If child tickets were raised to \$8, what would you have to raise the price of the adult tickets to in order to make the \$5,000 goal? (price should only be set to a whole dollar amount)

Hints:

- Cost to make dinners: Each dinner is \$1, regardless if it's a child or adult ticket
- Ticket Sales: the different prices will matter here. You will need to use parentheses in your formula.
- Profit: The difference between the numbers above.
- To find the answers to Steps 5,6, & 7- plug in numbers to the correct cells and see what you get. Use trial and error.

<i>fx</i>	A	B	C
1	EP Spaghetti Dinner		
2			
3	Price: Adult ticket	\$10.00	
4	Price: Child ticket	\$6.00	
5	Adult tickets: Number Sold	200	
6	Child tickets: Number Sold	300	
7	Cost to make one dinner	\$1.00	
8			
9	Ticket Sales		
10	Cost to Make all Dinners		
11	Profit		
12			
13			
14			
15			