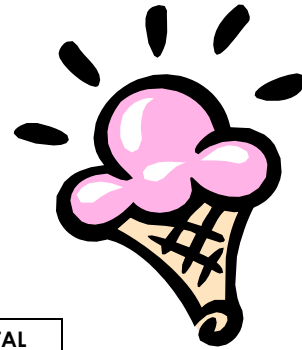


Name: \_\_\_\_\_

## Session 2 Skill Review: Ice Cream Cart

What flavors of ice cream should you have in the cart?

You are the proud new owner of an ice cream cart. To help decide what flavors to have in the cart, you surveyed adults and children to find out what they liked. Follow the instructions to use Microsoft Excel to organize the survey results and graph the data.



### Survey Results

ICE CREAM FLAVOR	ADULTS	CHILDREN	TOTAL
vanilla	19	3	
bubble gum	0	8	
butter pecan	12	3	
cookies and cream	3	6	
chocolate	6	12	
mint chocolate chip	3	2	
strawberry	10	4	

### Instructions

1. Open Microsoft Excel.
2. In cell **A1**, type the title **Ice Cream Survey**.
3. Select cells **A1**, **B1**, **C1**, and **D1**. Click *Merge and Center* to combine the cells.
4. Make the title look great by changing the font size to **12** and apply the **Bold** style.
5. Enter into the cells the following headings:

**A3** Flavors      **B3** Adults      **C3** Children      **D3** Total

6. Add each *ice cream flavor* into a cell below the *Flavors* heading.

HINT: To make column A wider, place the mouse between column heading A and column heading B. Click and drag the mouse to the right.

7. For each flavor enter in the *amount* of adults and children that like the flavor.
8. Under the *Total* column, use *Sum* to calculate the total number of people that like the first flavor. Once you have the formula in the cell, use the *AutoFill* feature to copy the formula into the remaining cells in the *Total* column.
9. Use the *Bold*, *Center*, *Borders*, and *Fill Color* tools to make the data look great.

Name: \_\_\_\_\_

10. Make a *column* graph of the total number of people that like each flavor. HINT: Select only the *flavors* and numbers in the *Totals* column by using the CTRL key.
  - a) Add the title **Ice Cream Flavors People Like**.
  - b) Name the X axis **Ice Cream Flavors**.
  - c) Name the Y axis **Number of People**.
  - d) Remove the legend.
11. Position the graph below the survey data.
12. Save the document as **Ice Cream Survey**.

### Questions about the Survey Results

Analyze the graph to answer the questions:

1. What flavor of ice cream do adults like the most?

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2. What flavor of ice cream do children like the most?

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3. What flavor of ice cream do adults like the least?

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4. What flavor of ice cream do children like the least?

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5. a) If you can fit only five flavors into your cart, what ones will you choose?

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- b) Why did you choose these flavors?

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