**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class \_\_\_\_\_**

**Sipping Starbucks**

Ms. Soto loves Starbucks coffee. Today, while waiting to place her order for her double mocha latte, she noticed the prices for the three sizes that were available.

She could order:



Tall Grande Venti

12 oz 16 oz 20 oz

$3.55 $4.25 $4.55

**Part A**

Which cup is the best buy? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Show your work:**

**Part B**

Ms. Soto would like to purchase the best deal for a few of her coworkers. She decides to order a jug of coffee which can hold 1 gallon. How much will this cost?

**Part C**

Explain how you arrived at your solution.

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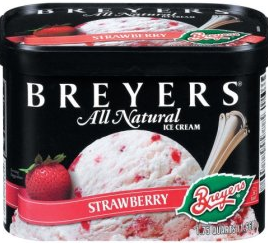
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**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class \_\_\_\_\_**

**Bingeing on Breyers**

Ms. Rabinowitz loves ice cream. Today, while at the grocery store, she noticed the prices for three different available sizes.

She could purchase:

1 pint 1 quart 1 gallon

$4.89 $6.99 $8.36

**Part A**

Which container is the best buy? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Show your work:**

**Part B**

Ms. Rabinowitz would like to purchase the best deal for an ice cream social for her students. If each serving is ½ cup, how many containers will she need to buy in order to share ice cream with her 65 students?

**Part C**

The students were given a variety of toppings for their ice cream sundaes. Use the table below to calculate the amount of each topping that was eaten by the students.

|  |  |  |
| --- | --- | --- |
| Topping | Size | Amount Consumed |
| Rainbow Sprinkles | 2 ¼ quarts | 0.735 |
| Hot Fudge | 0.83 pints | 42% |
| Chocolate Chips | 7.05 cups | 3/8 |

**Part D**

Explain how you arrived at your solution.

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**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class \_\_\_\_\_**

**Snacking on Sandwiches**

Ms .J.Smith loves sandwiches. Today, while at Subway, she noticed the prices for three different available sizes.

She could purchase:

8 inch sub 1 foot sub 15 inch sub

$7.99 $10.53 $14.28

**Part A**

Which sandwich is the best buy? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Show your work:**

**Part B**

Ms. J.Smith can also choose 3 add-ins for her sandwich. Her choices are listed below:

|  |  |  |
| --- | --- | --- |
| Add-in | Serving | Cost |
| Lettuce | 4 oz. | $0.39 |
| Tomato | 2.5 oz. | $0.24 |
| Onions | 3 oz. | $0.28 |
| Peppers | 2 oz. | $0.21 |
| Pickles | 3.5 oz. | $0.33 |

If Subway offers a discount of 15% off each add-in less than $0.25 and 25% off each add-in more than $0.25, which add-ins should she choose?

**Part C**

Explain how you arrived at your solution.

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